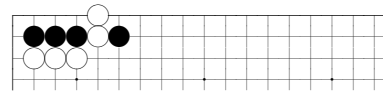
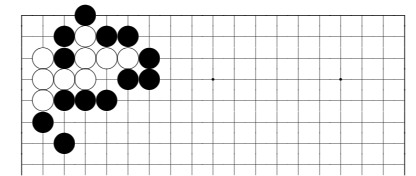


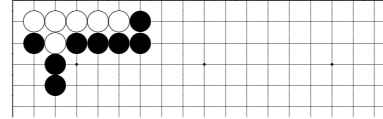
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part third – advanced problems



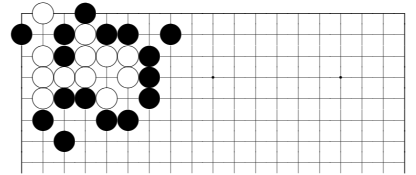
problem 1



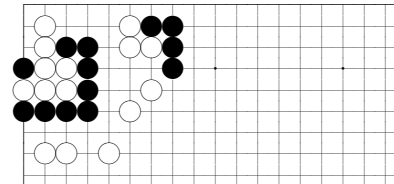
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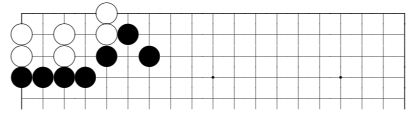
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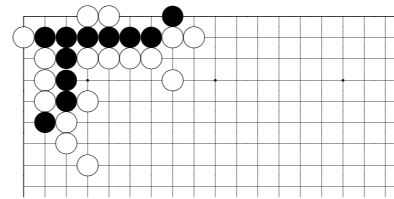
problem 7



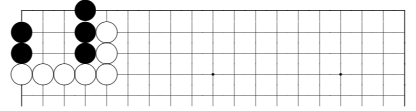
problem 3



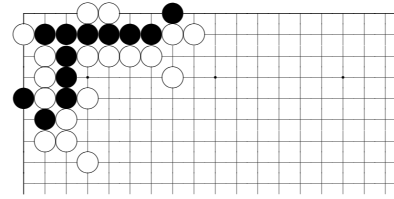
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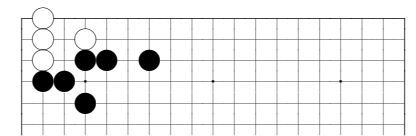
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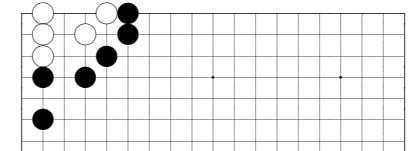
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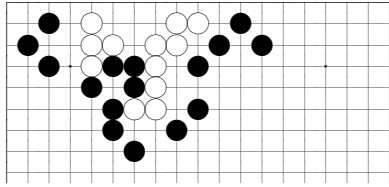
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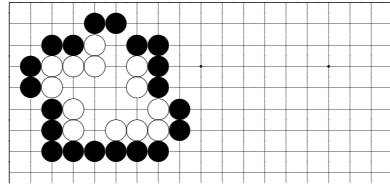
problem 10



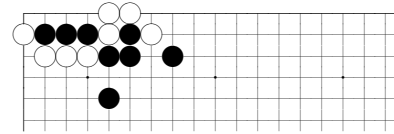
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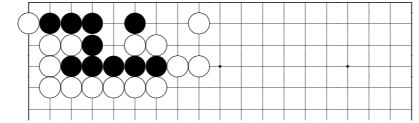
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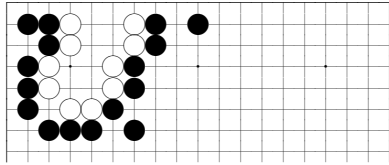
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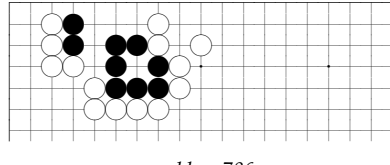
problem 22



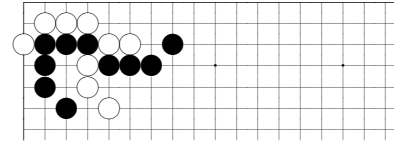
problem 27



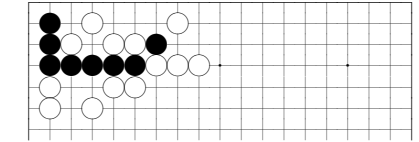
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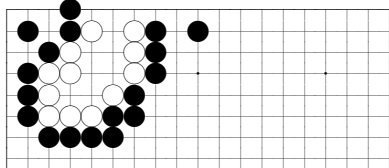
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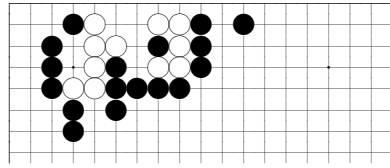
problem 23



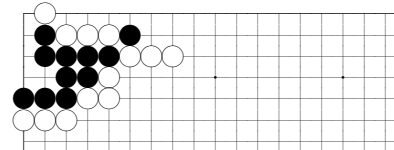
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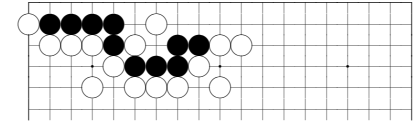
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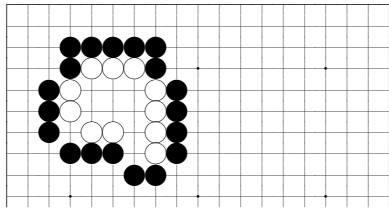
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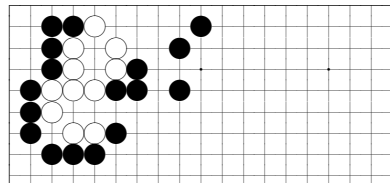
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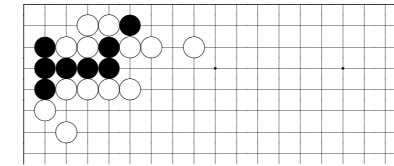
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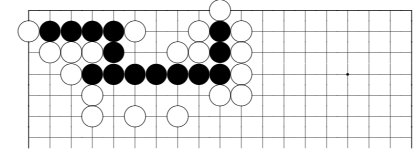
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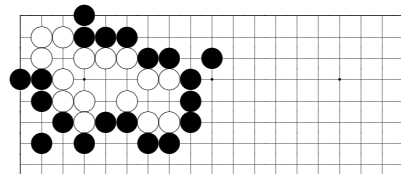
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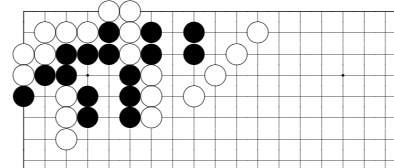
problem 25



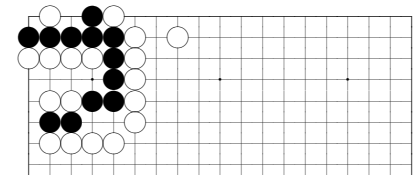
problem 30



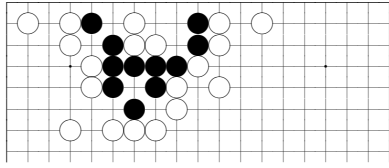
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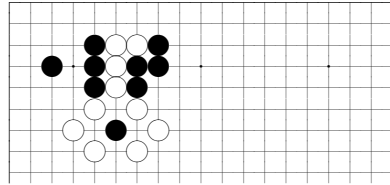
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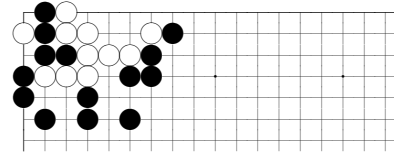
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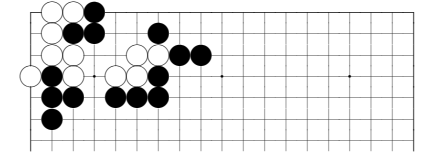
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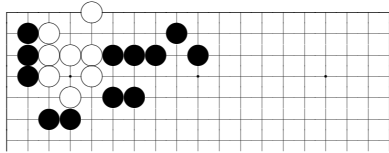
problem 766



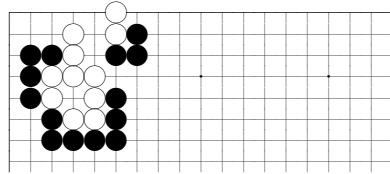
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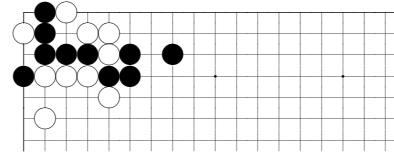
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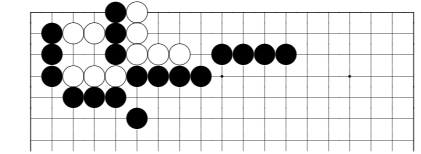
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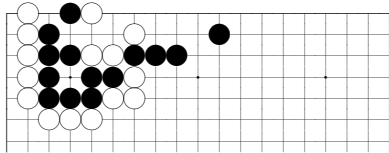
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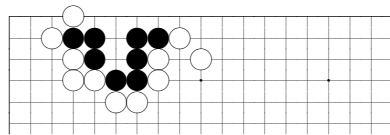
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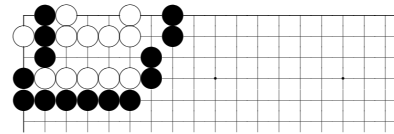
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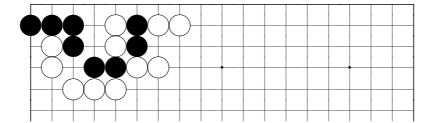
problem 763



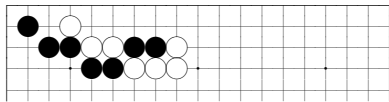
problem 768



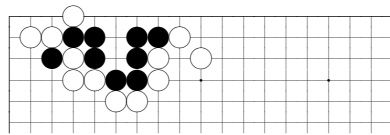
problem 44



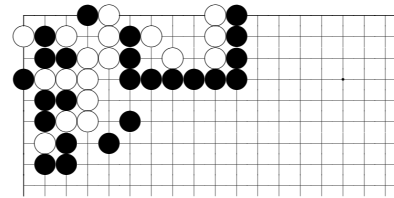
problem 49



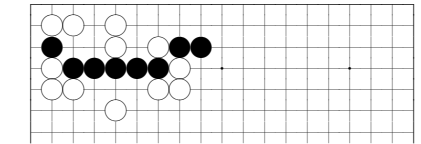
problem 764



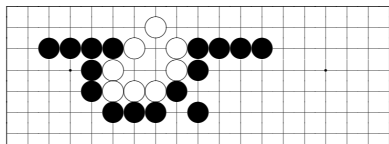
problem 769



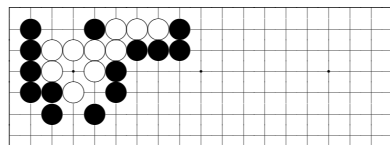
problem 45



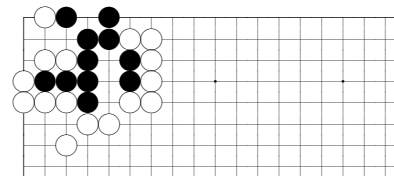
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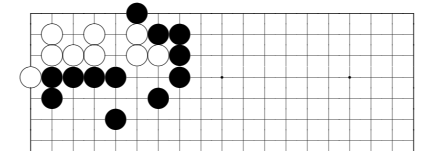
problem 765



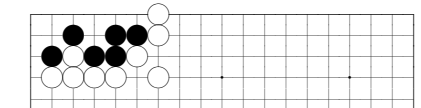
problem 770



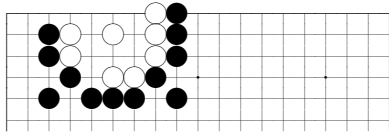
problem 46



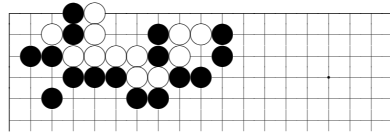
problem 51



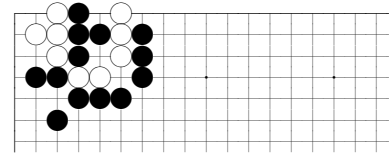
problem 52



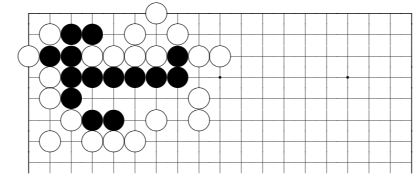
problem 738



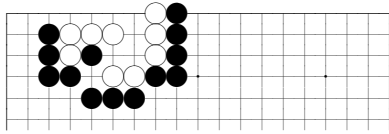
problem 744



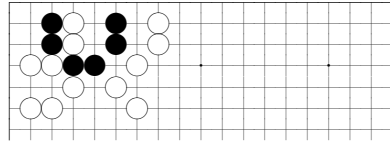
problem 64



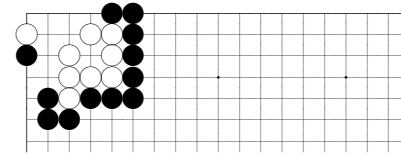
problem 69



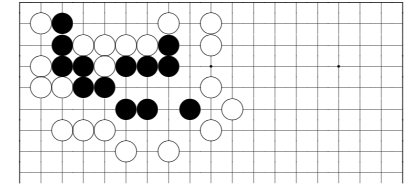
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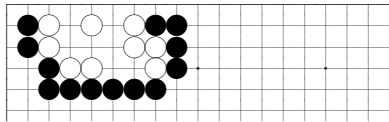
problem 745



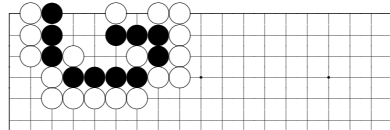
problem 65



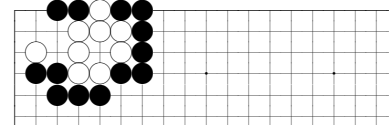
problem 70



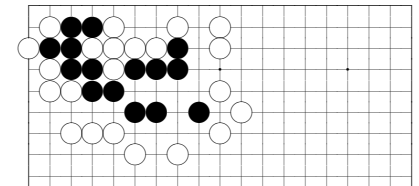
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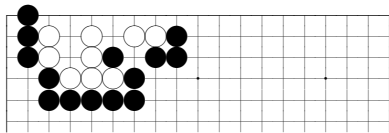
problem 746



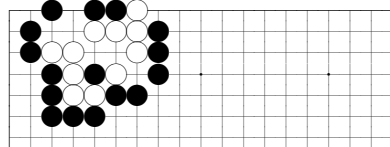
problem 66



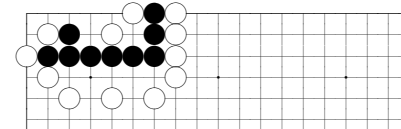
problem 71



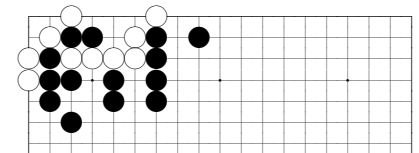
problem 741



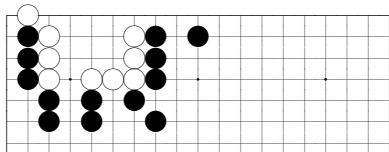
problem 747



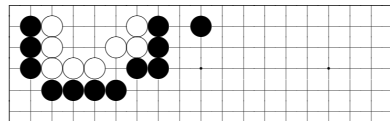
problem 67



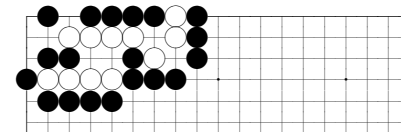
problem 72



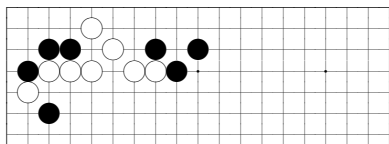
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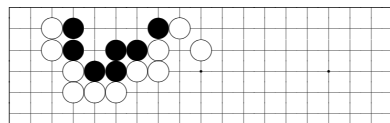
problem 748



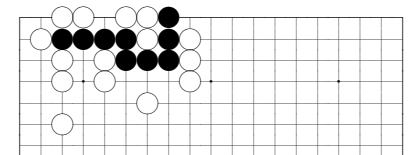
problem 68



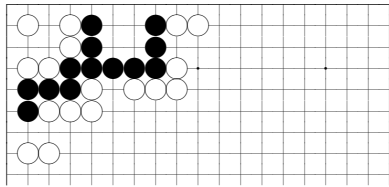
problem 743



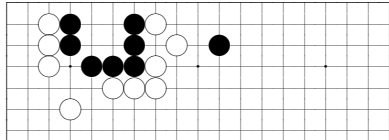
problem 749



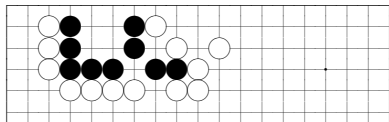
problem 73



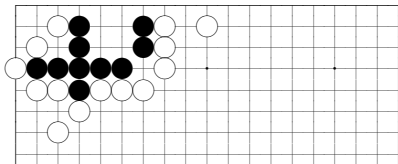
problem 715



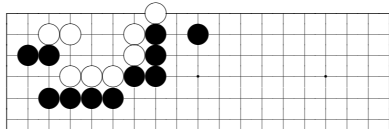
problem 716



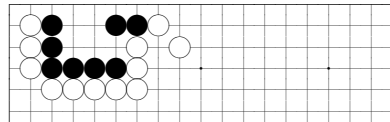
problem 717



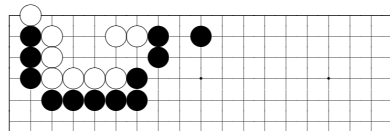
problem 718



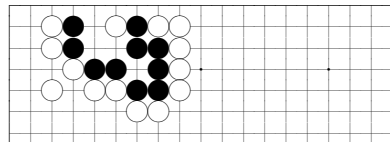
problem 719



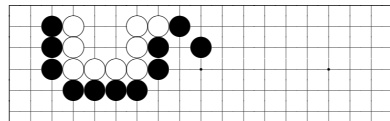
problem 720



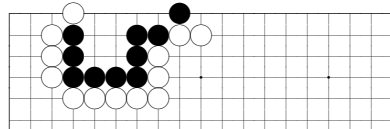
problem 721



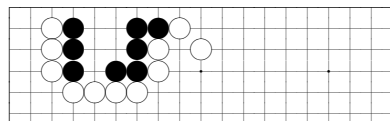
problem 722



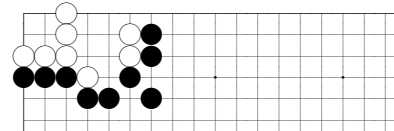
problem 723



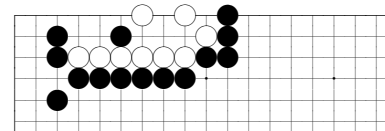
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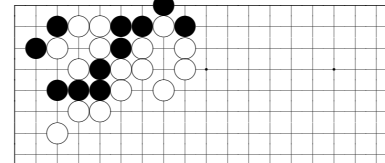
problem 725



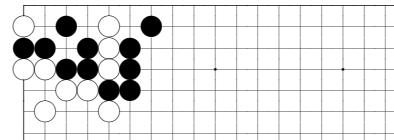
problem 84



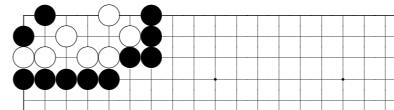
problem 85



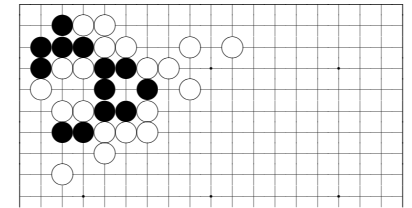
problem 86



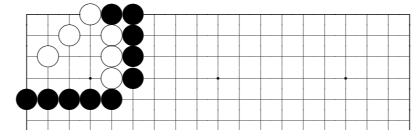
problem 87



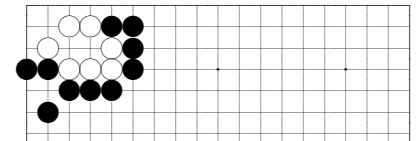
problem 88



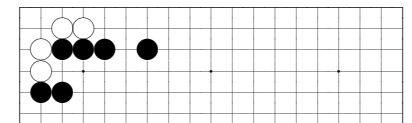
problem 89



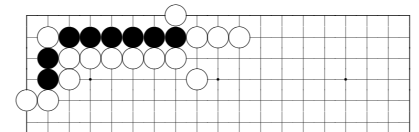
problem 90



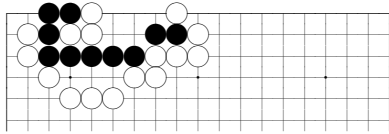
problem 91



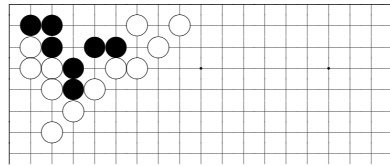
problem 92



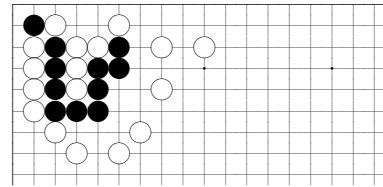
problem 93



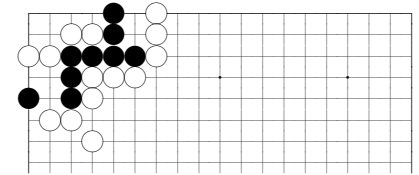
problem 692



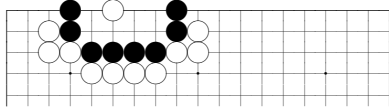
problem 698



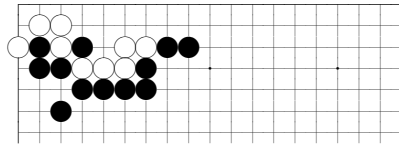
problem 104



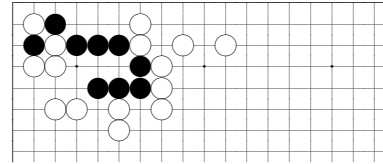
problem 109



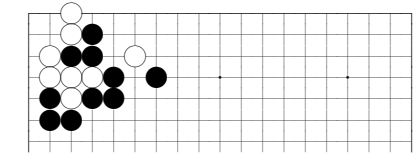
problem 693



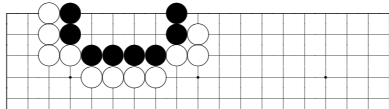
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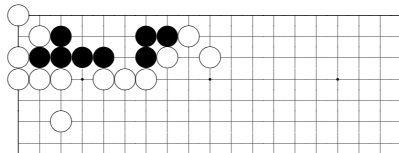
problem 105



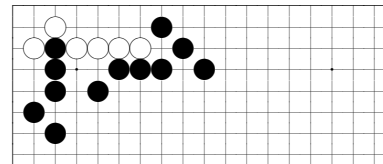
problem 110



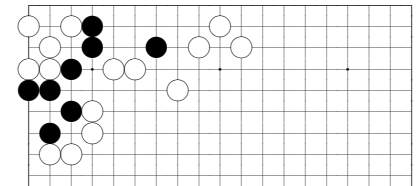
problem 694



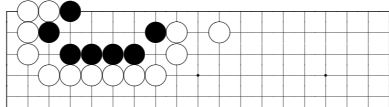
problem 700



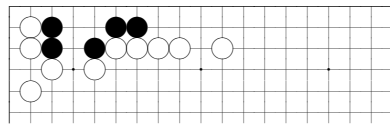
problem 106



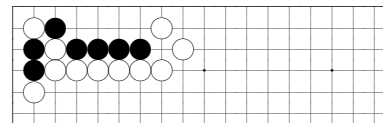
problem 111



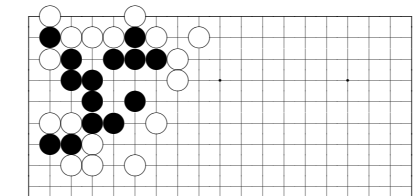
problem 695



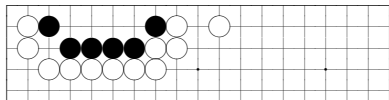
problem 701



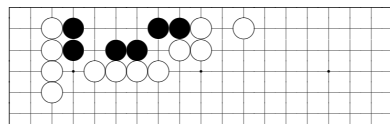
problem 107



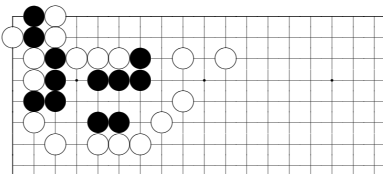
problem 112



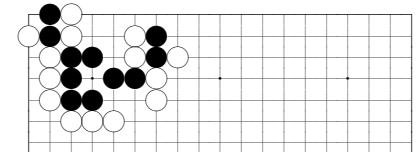
problem 696



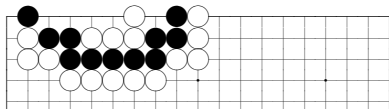
problem 702



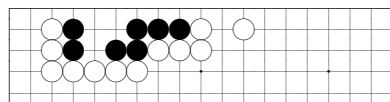
problem 108



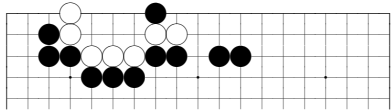
problem 113



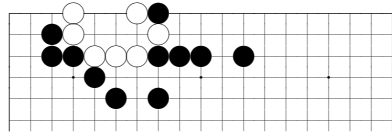
problem 697



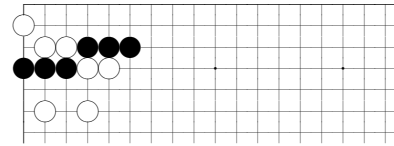
problem 703



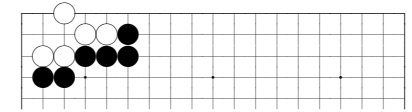
problem 668



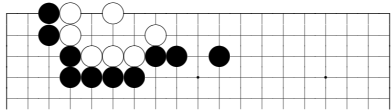
problem 674



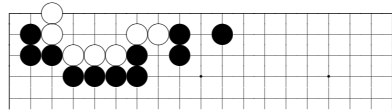
problem 124



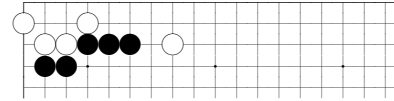
problem 130



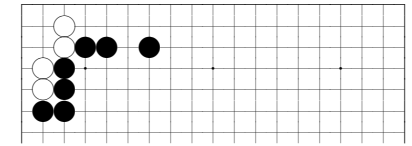
problem 669



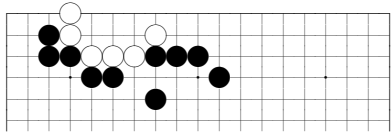
problem 675



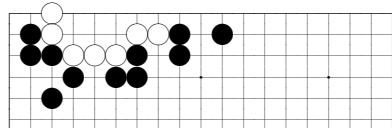
problem 125



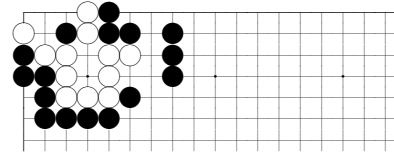
problem 131



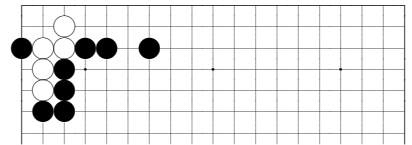
problem 670



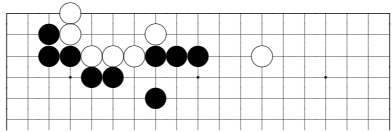
problem 676



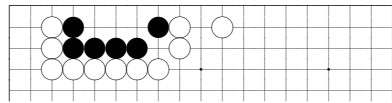
problem 126



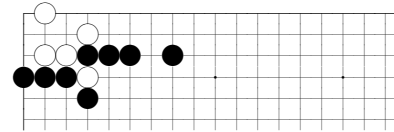
problem 132



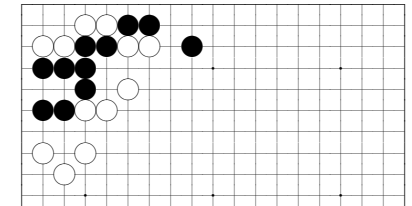
problem 671



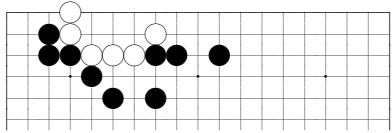
problem 677



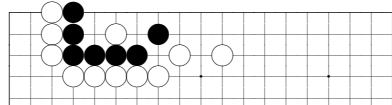
problem 127



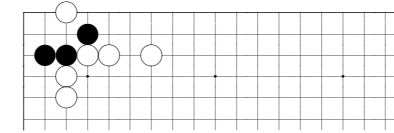
problem 133



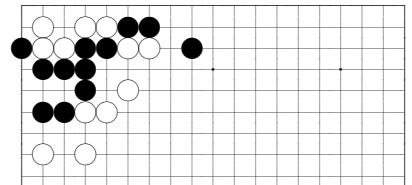
problem 672



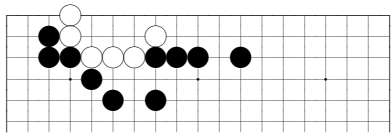
problem 678



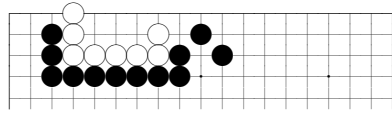
problem 128



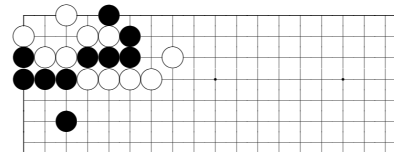
problem 134



problem 673

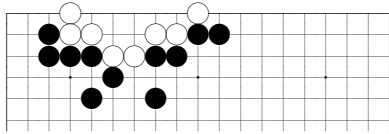


problem 679

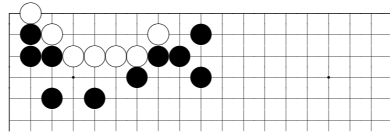


problem 129

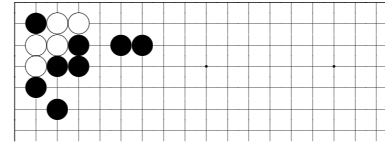




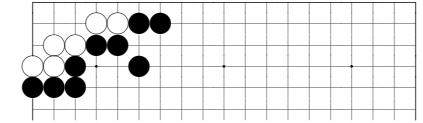
problem 644



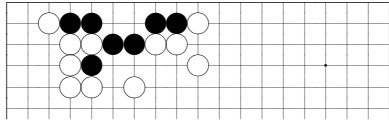
problem 650



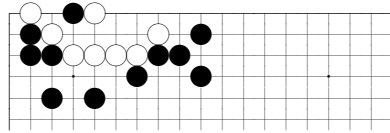
problem 146



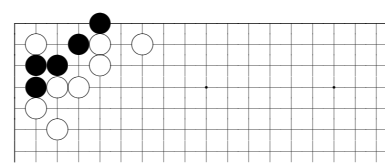
problem 151



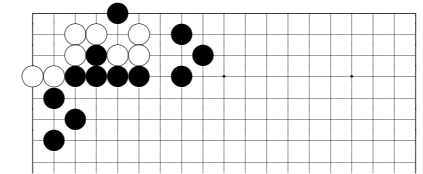
problem 645



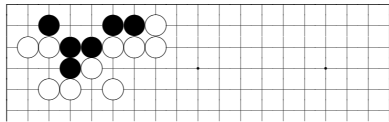
problem 651



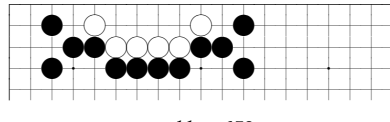
problem 147



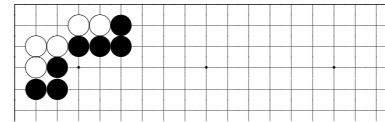
problem 152



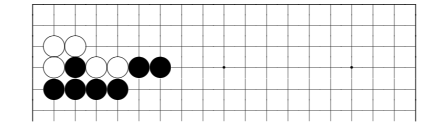
problem 646



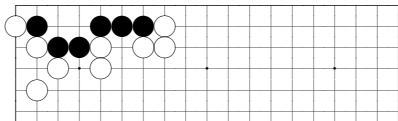
problem 652



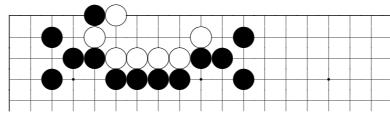
problem 148



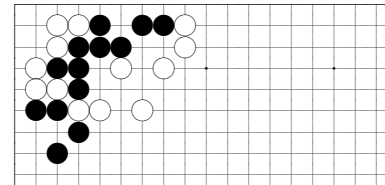
problem 153



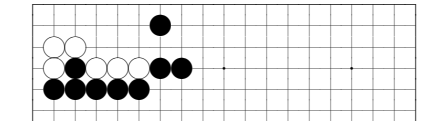
problem 647



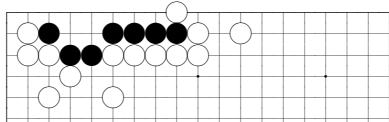
problem 653



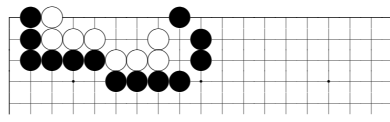
problem 149



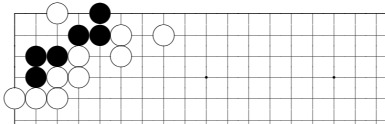
problem 154



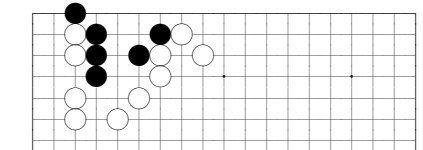
problem 648



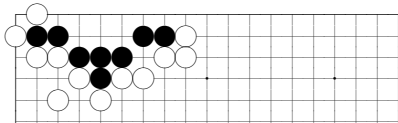
problem 654



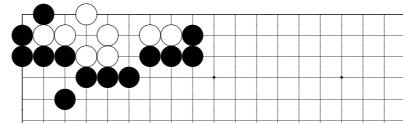
problem 150



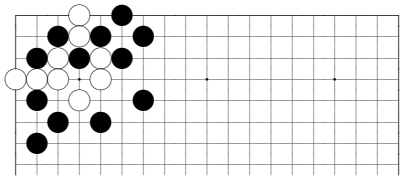
problem 155



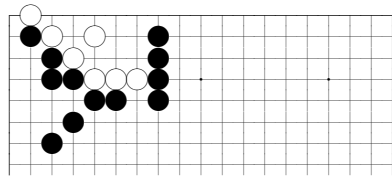
problem 649



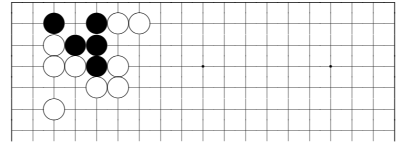
problem 655



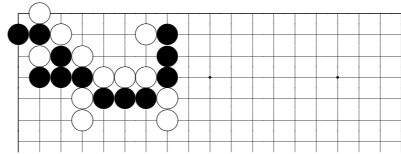
problem 623



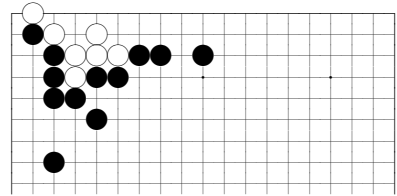
problem 628



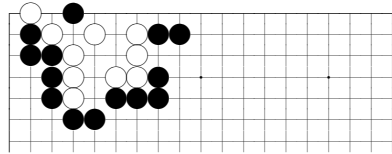
problem 624



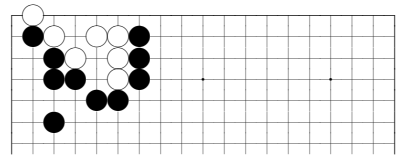
problem 629



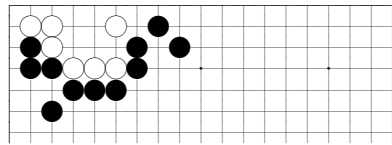
problem 625



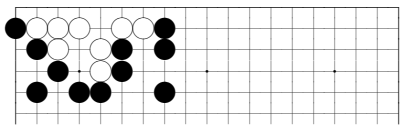
problem 630



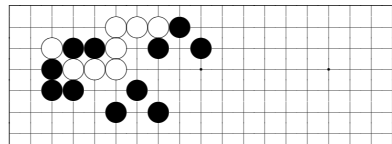
problem 626



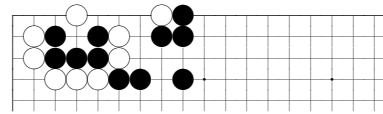
problem 631



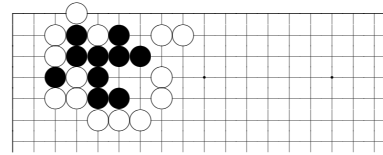
problem 627



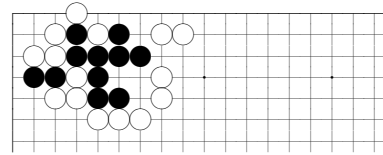
problem 632



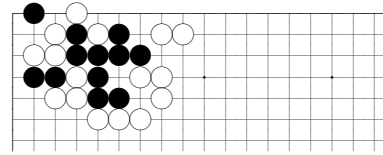
problem 166



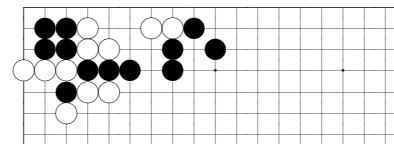
problem 167



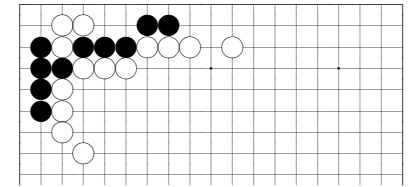
problem 168



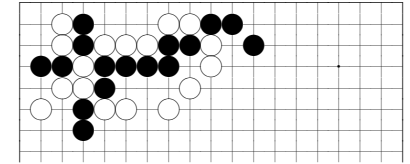
problem 169



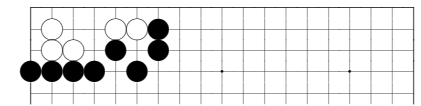
problem 170



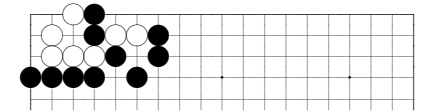
problem 171



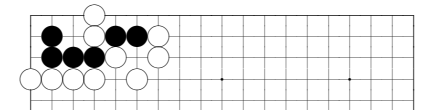
problem 172



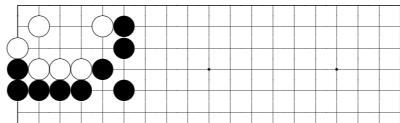
problem 173



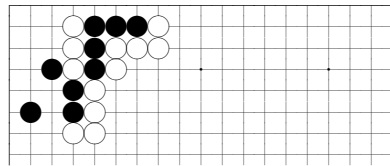
problem 174



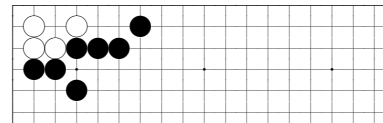
problem 175



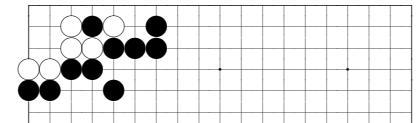
problem 603



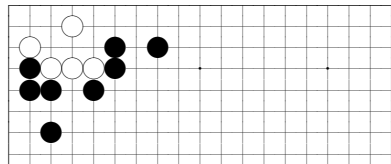
problem 608



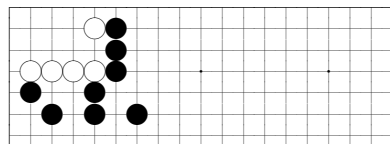
problem 186



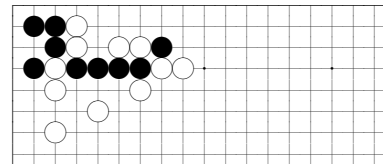
problem 191



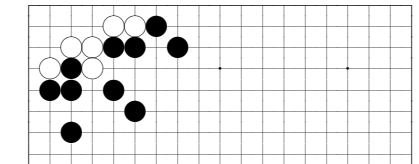
problem 604



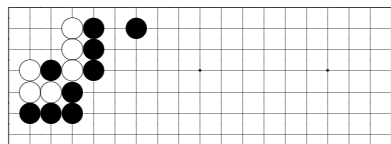
problem 609



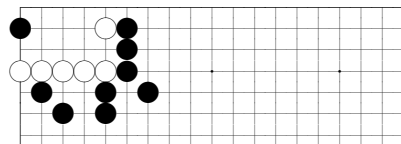
problem 187



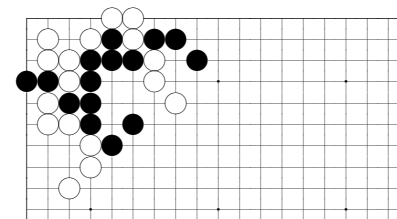
problem 192



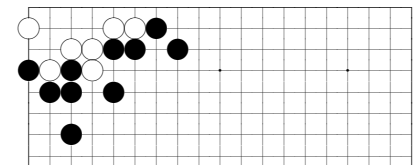
problem 605



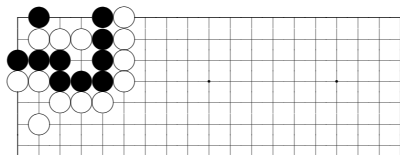
problem 610



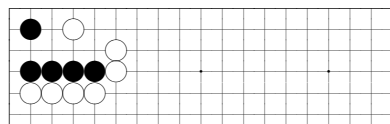
problem 188



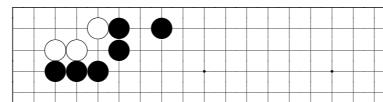
problem 193



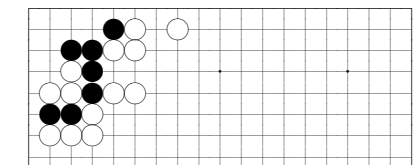
problem 606



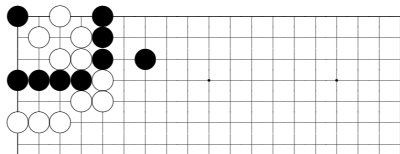
problem 611



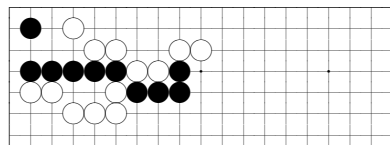
problem 189



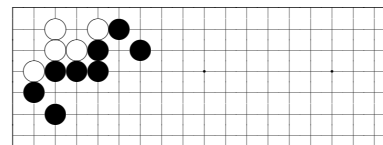
problem 194



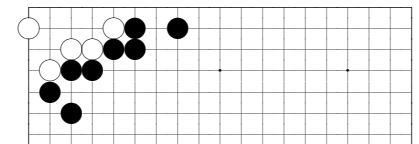
problem 607



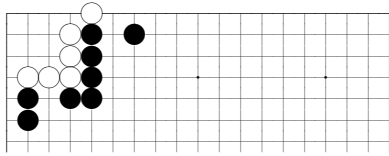
problem 612



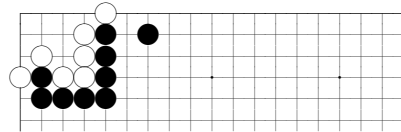
problem 190



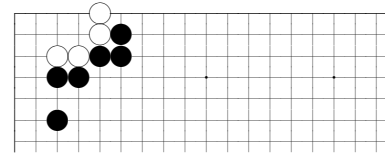
problem 195



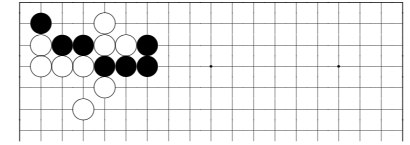
problem 582



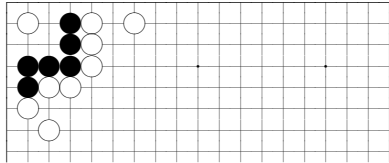
problem 587



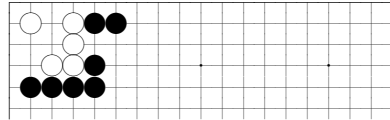
problem 207



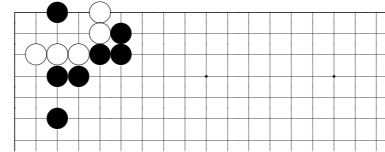
problem 212



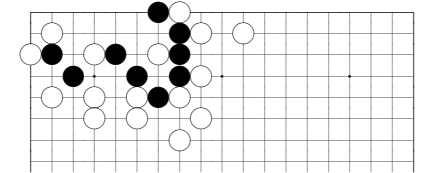
problem 583



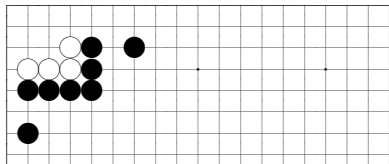
problem 588



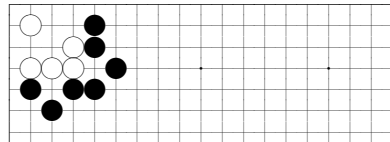
problem 208



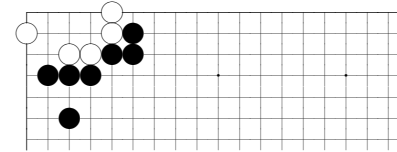
problem 213



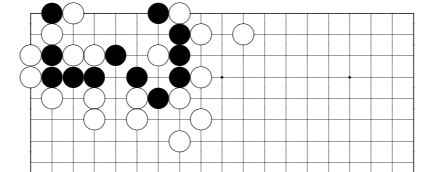
problem 584



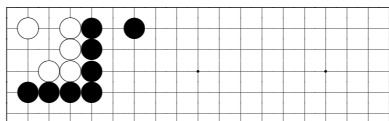
problem 589



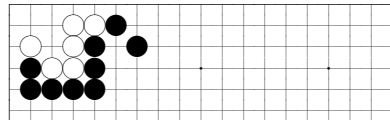
problem 209



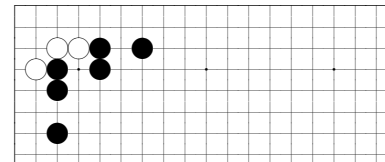
problem 214



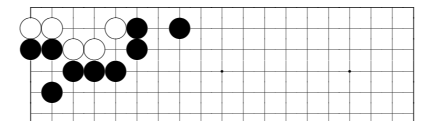
problem 585



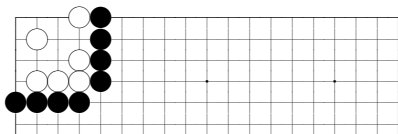
problem 590



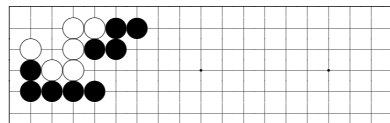
problem 210



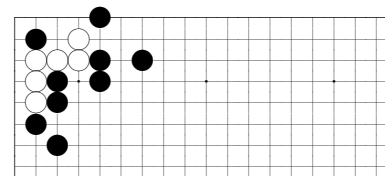
problem 215



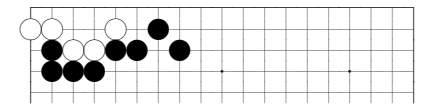
problem 586



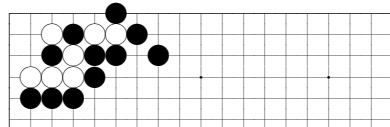
problem 591



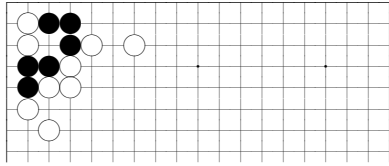
problem 211



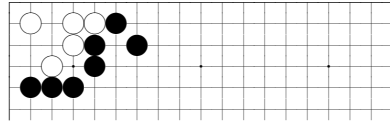
problem 216



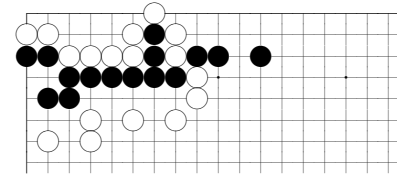
problem 592



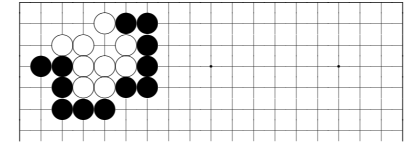
problem 562



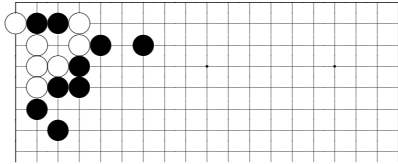
problem 567



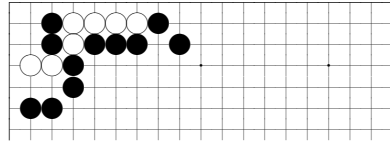
problem 229



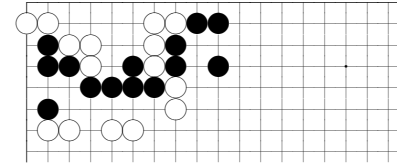
problem 234



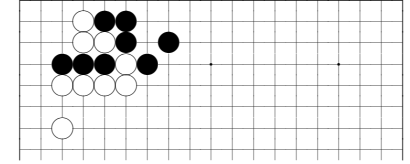
problem 563



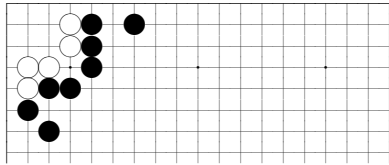
problem 568



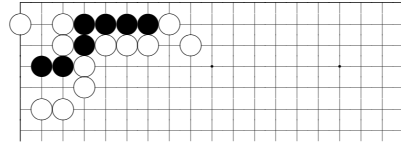
problem 230



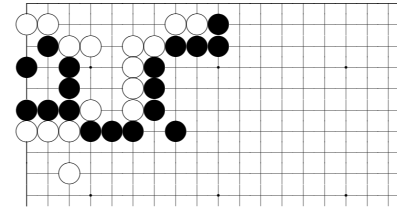
problem 235



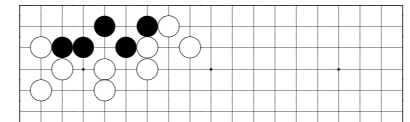
problem 564



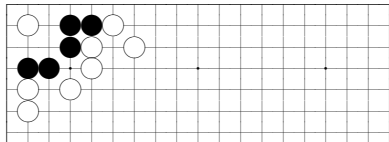
problem 569



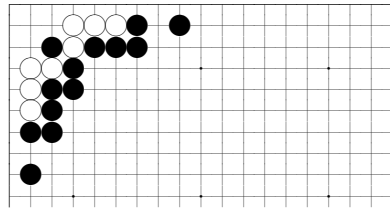
problem 231



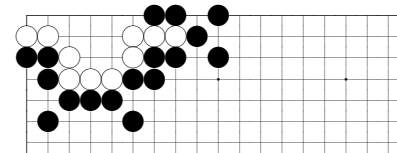
problem 236



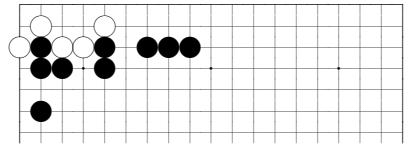
problem 565



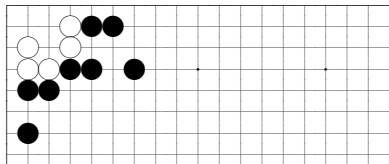
problem 570



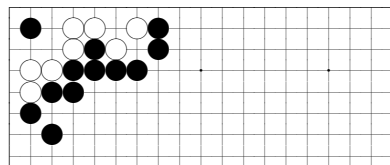
problem 232



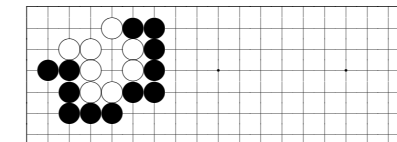
problem 237



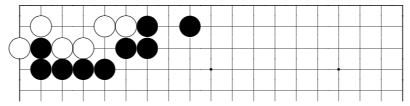
problem 566



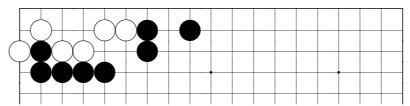
problem 571



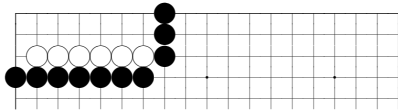
problem 233



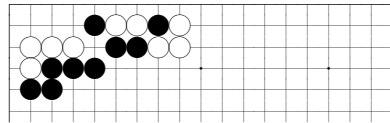
problem 238



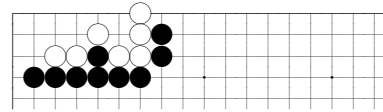
problem 239



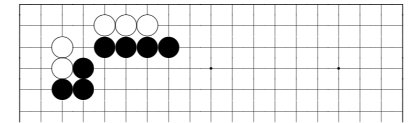
problem 541



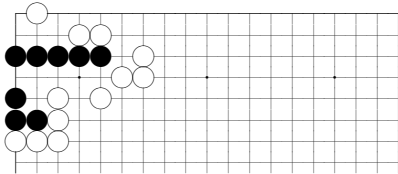
problem 546



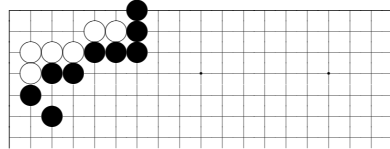
problem 252



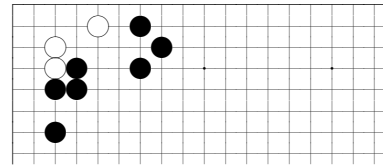
problem 257



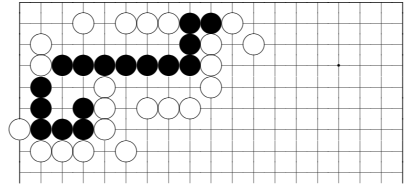
problem 542



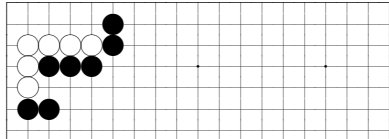
problem 547



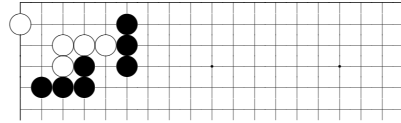
problem 253



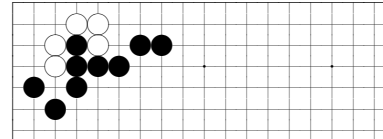
problem 258



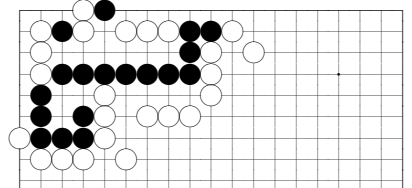
problem 543



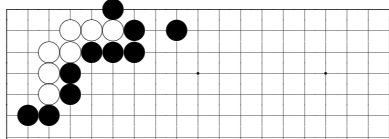
problem 548



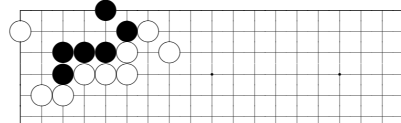
problem 254



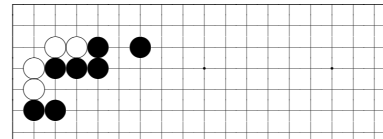
problem 259



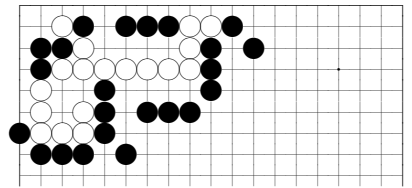
problem 544



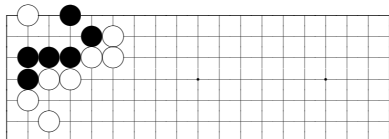
problem 549



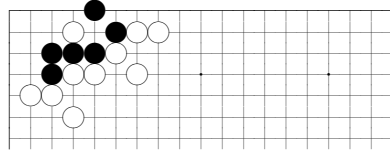
problem 255



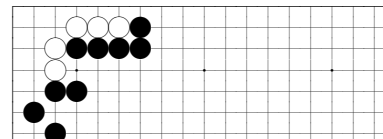
problem 260



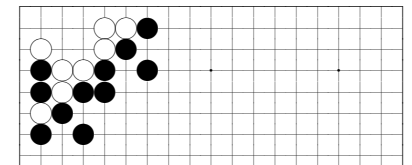
problem 545



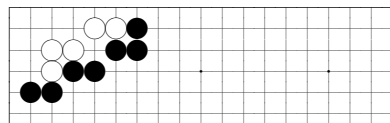
problem 550



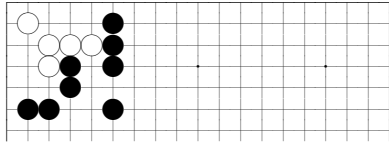
problem 256



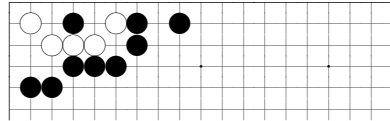
problem 261



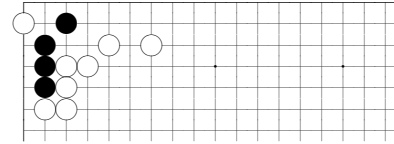
problem 551



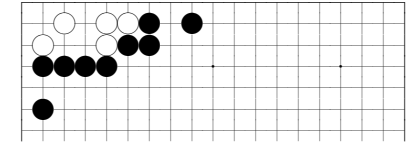
problem 519



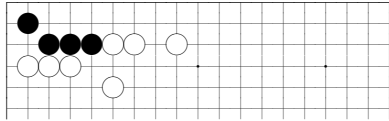
problem 524



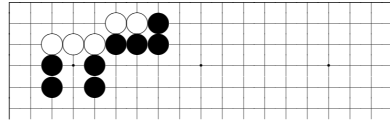
problem 271



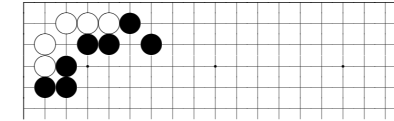
problem 276



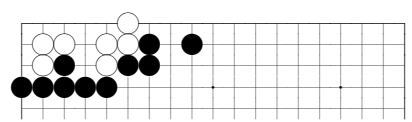
problem 520



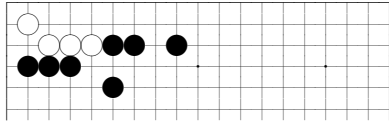
problem 525



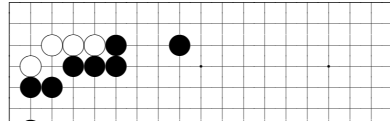
problem 272



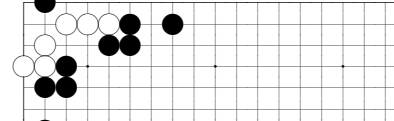
problem 277



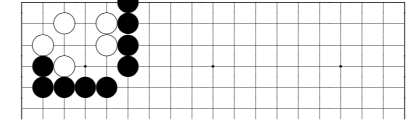
problem 521



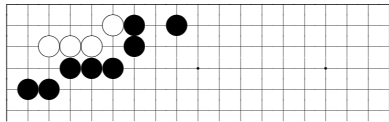
problem 526



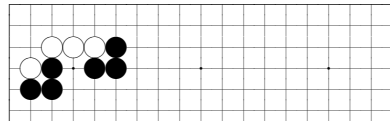
problem 273



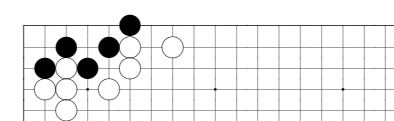
problem 278



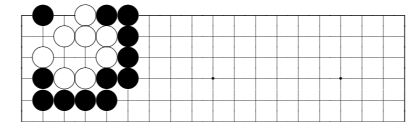
problem 522



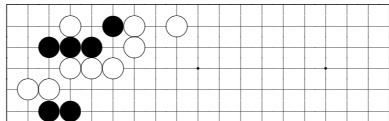
problem 527



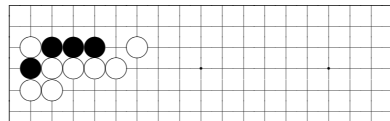
problem 274



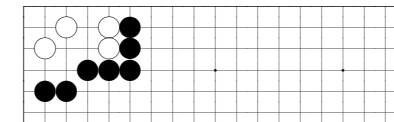
problem 279



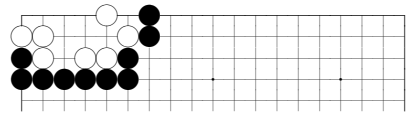
problem 523



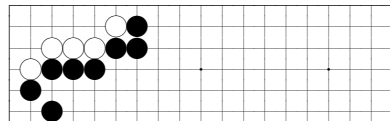
problem 528



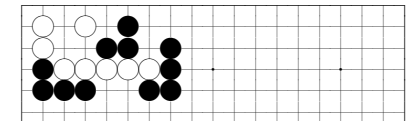
problem 275



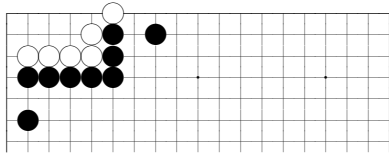
problem 280



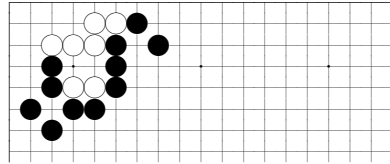
problem 529



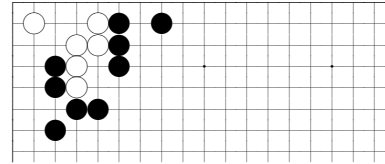
problem 281



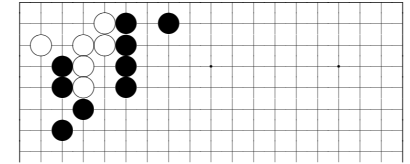
problem 495



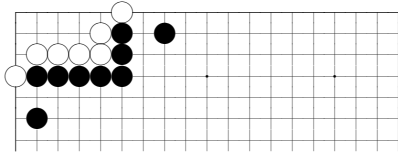
problem 501



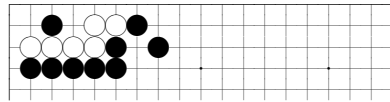
problem 294



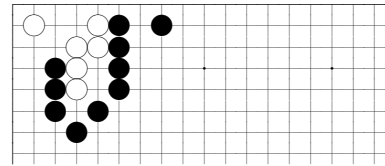
problem 300



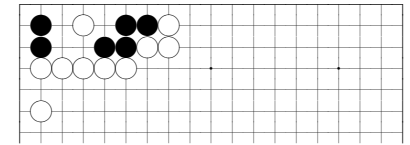
problem 496



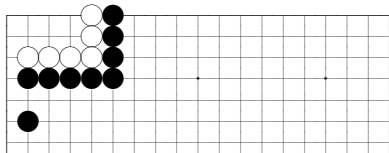
problem 502



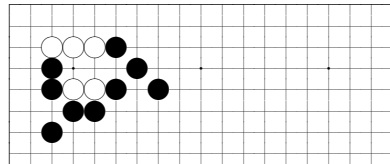
problem 295



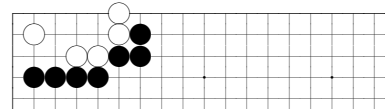
problem 301



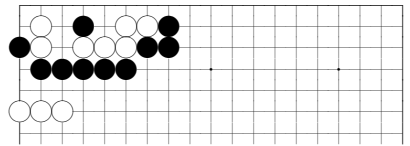
problem 497



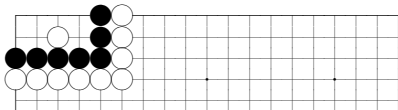
problem 503



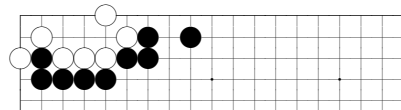
problem 296



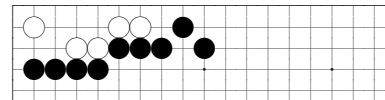
problem 302



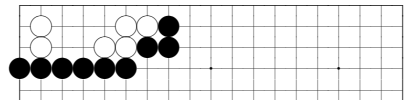
problem 498



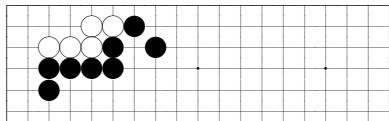
problem 504



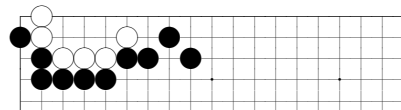
problem 297



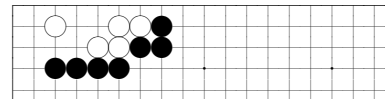
problem 303



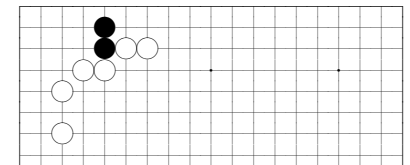
problem 499



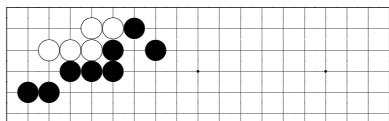
problem 505



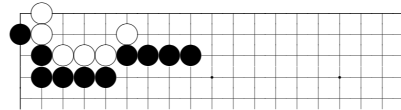
problem 298



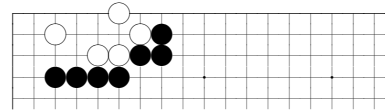
problem 304



problem 500

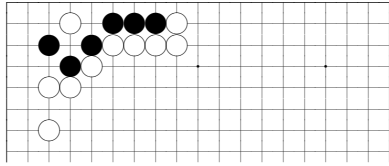


problem 506

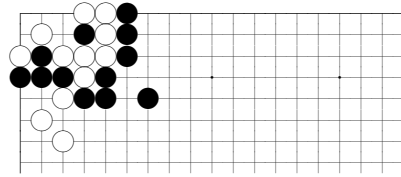


problem 299

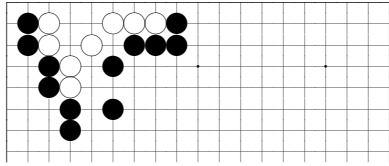




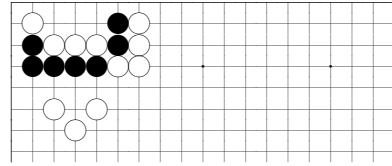
problem 474



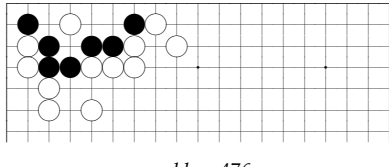
problem 479



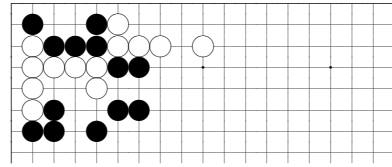
problem 475



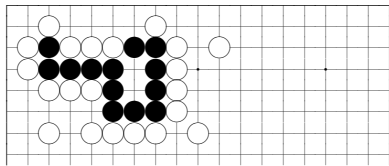
problem 480



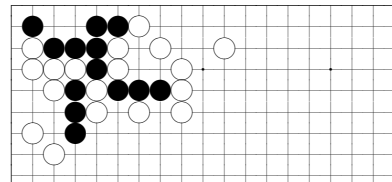
problem 476



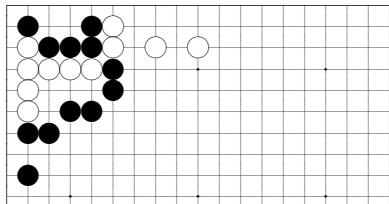
problem 481



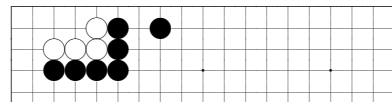
problem 477



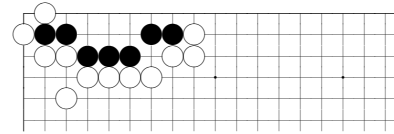
problem 482



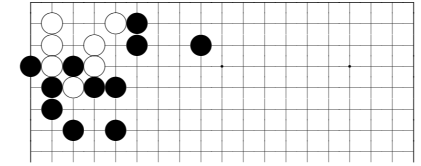
problem 478



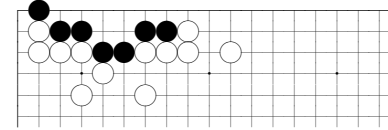
problem 483



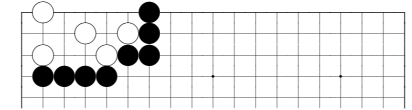
problem 316



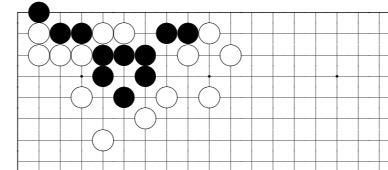
problem 322



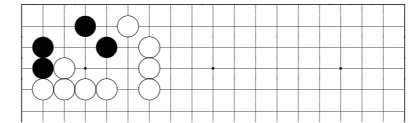
problem 317



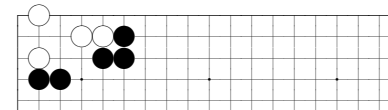
problem 323



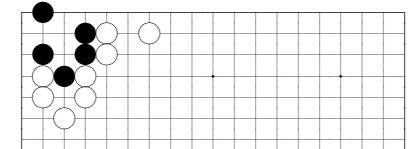
problem 318



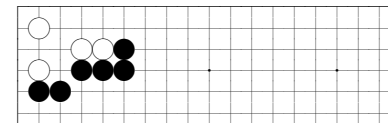
problem 324



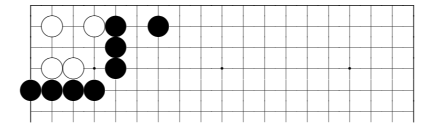
problem 319



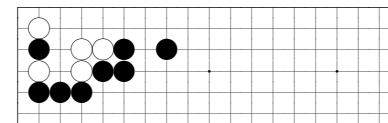
problem 325



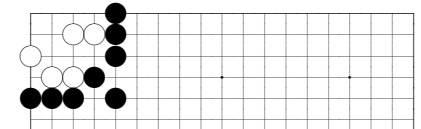
problem 320



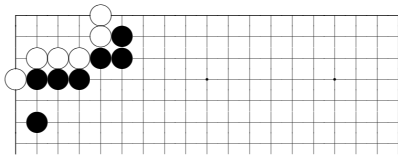
problem 326



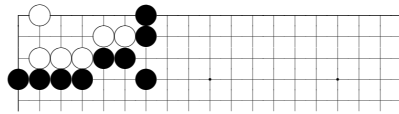
problem 321



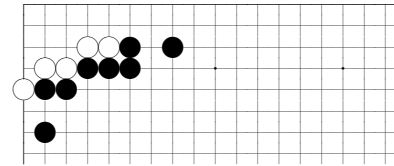
problem 327



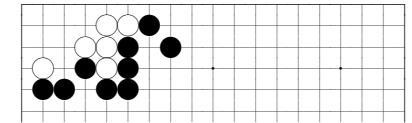
problem 452



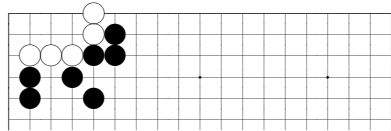
problem 458



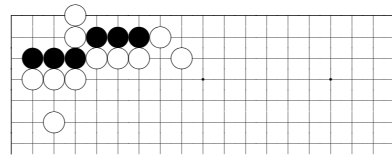
problem 338



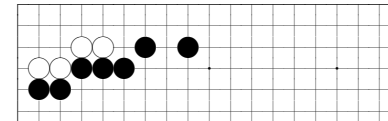
problem 343



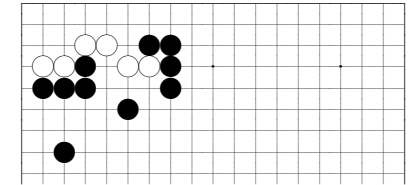
problem 453



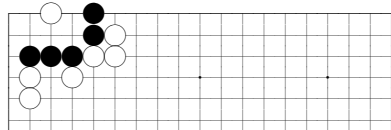
problem 459



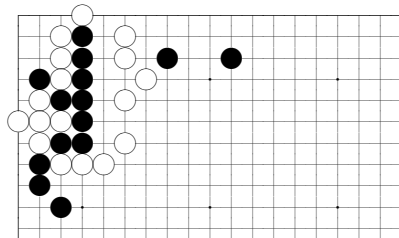
problem 339



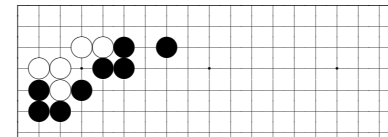
problem 344



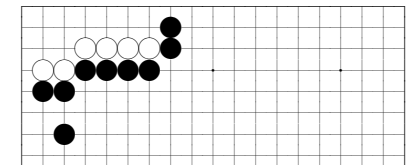
problem 454



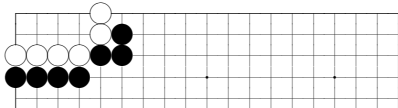
problem 460



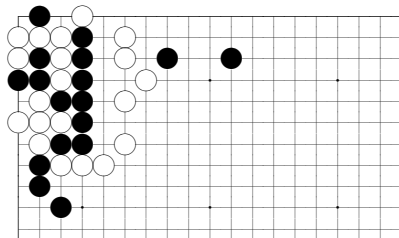
problem 340



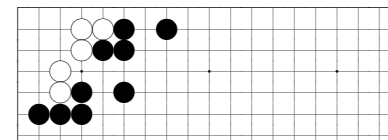
problem 345



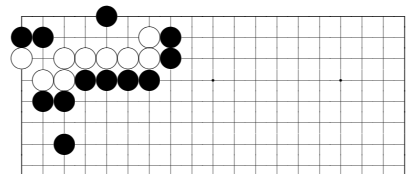
problem 455



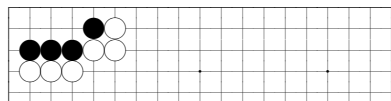
problem 461



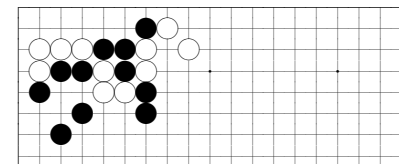
problem 341



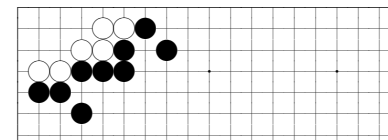
problem 346



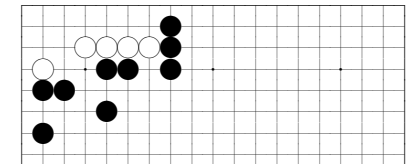
problem 456



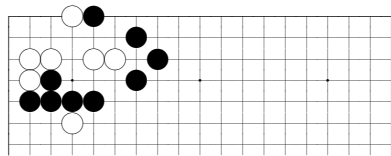
problem 462



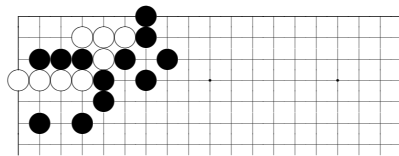
problem 342



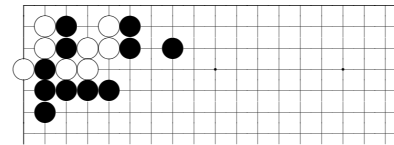
problem 347



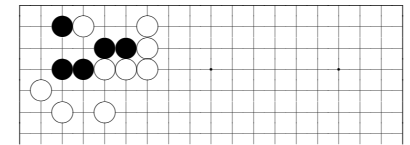
*problem 431*



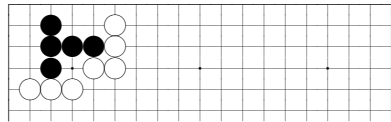
*problem 436*



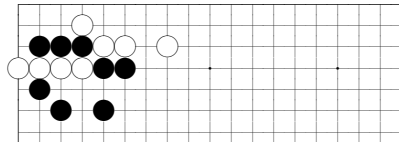
*problem 358*



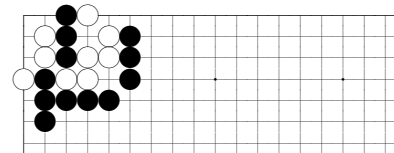
*problem 364*



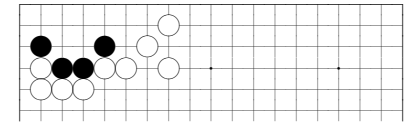
*problem 432*



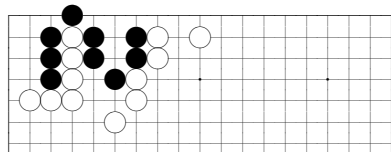
*problem 437*



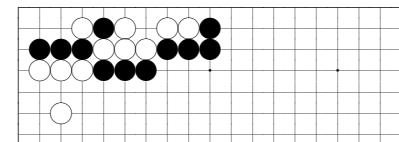
*problem 359*



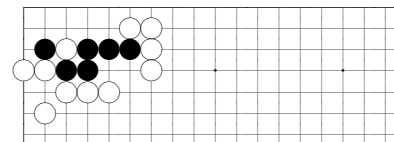
*problem 365*



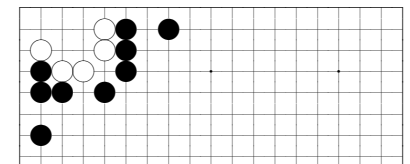
*problem 433*



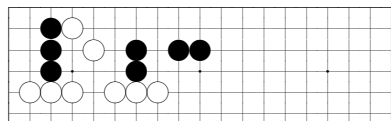
*problem 438*



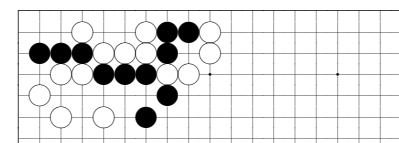
*problem 360*



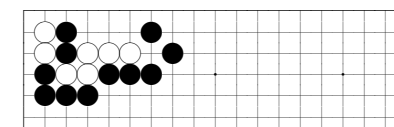
*problem 366*



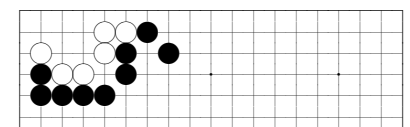
*problem 434*



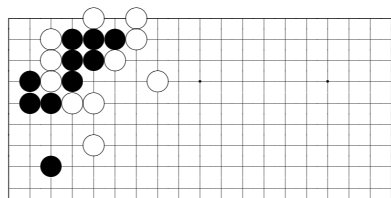
*problem 439*



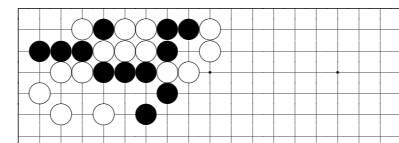
*problem 361*



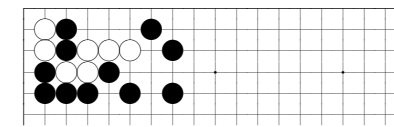
*problem 367*



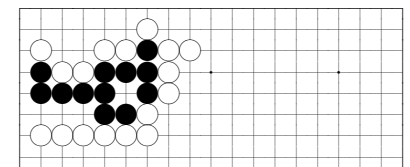
*problem 435*



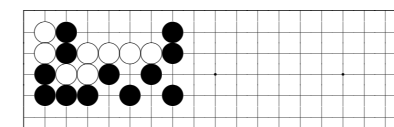
*problem 440*



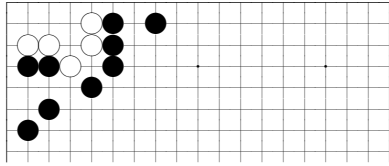
*problem 362*



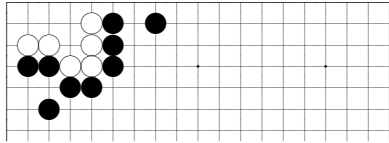
*problem 368*



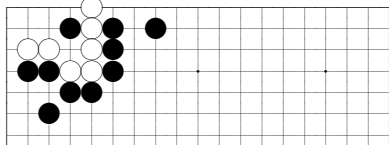
*problem 363*



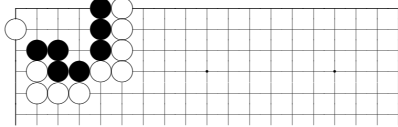
*problem 410*



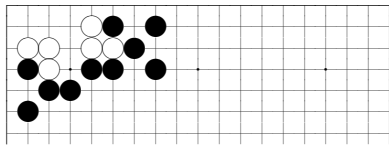
*problem 411*



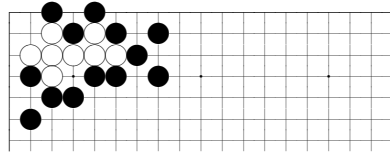
*problem 412*



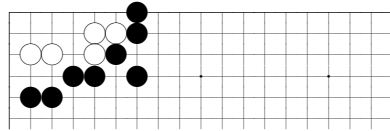
*problem 413*



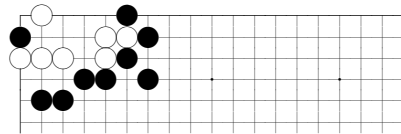
*problem 414*



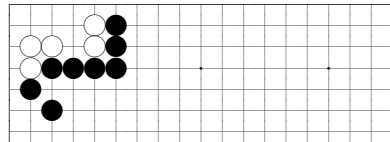
*problem 415*



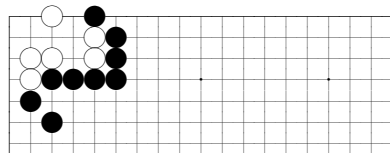
*problem 416*



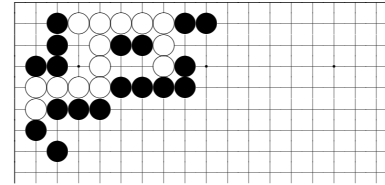
*problem 417*



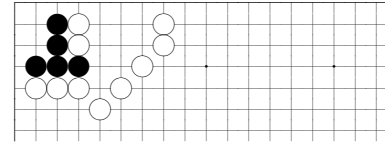
*problem 418*



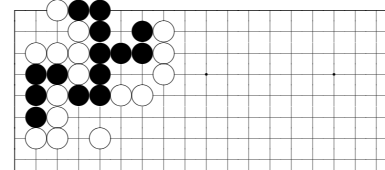
*problem 419*



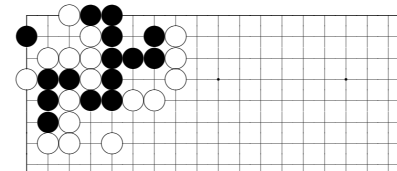
*problem 379*



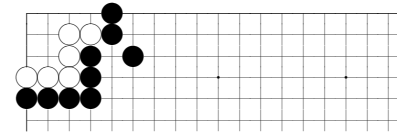
*problem 380*



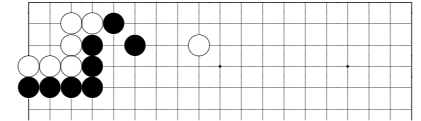
*problem 381*



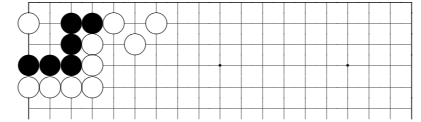
*problem 382*



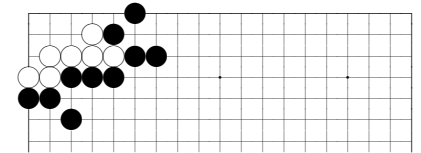
*problem 383*



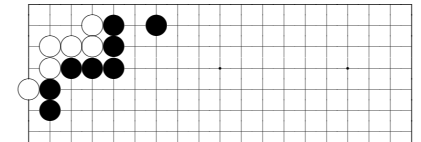
*problem 384*



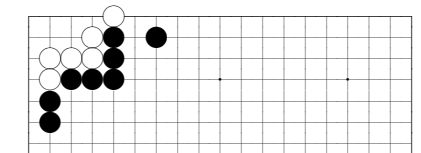
*problem 385*



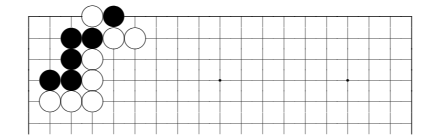
*problem 386*



*problem 387*



*problem 388*



*problem 389*

## motto:

*"It is a matter of life and death, a road either to safety or to ruin.  
Hence it is a subject of inquiry which can on no account be neglected."*

*Sun Tzu: The Art of War*

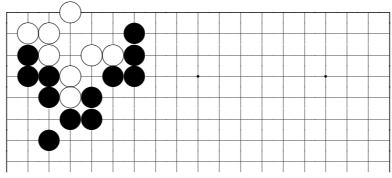
## preface:

This is a collection of almost three thousand problems from Encyclopedia of life and death by Cho Chikun. The problems come without solution because of two particular reasons: first, I think we can learn more by actually solving the problem, trying all the possible variations; and second, the solutions are copyrighted. It is always **black to move**, so I only show pictures without any distracting text around.

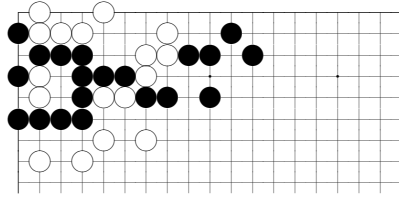
In the third part, you can find about eight hundred problems for dan players, kyu players will have to work really hard to solve them. Dan player should spend on average a few minutes on one problem – there are some rather easy problems, but on the other hand some quite hard –, so he is likely to spend about three whole days (day and night) solving the problems.

I wish you enjoyment and improving in the wonderful game of go, weiqi, baduk, or whatever you like to call it.

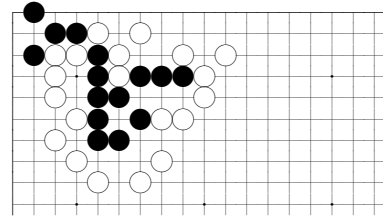
*tasuki*  
27.11.2004



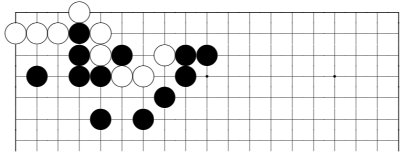
problem 12



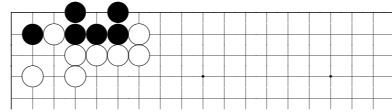
problem 17



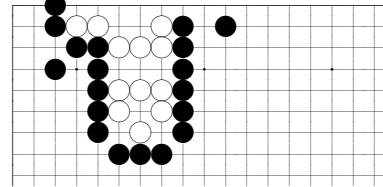
problem 790



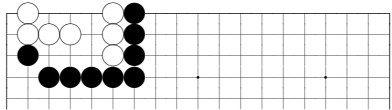
problem 13



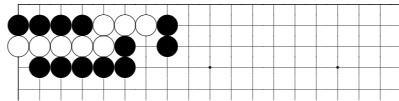
problem 18



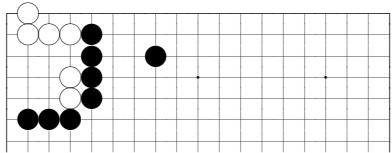
problem 791



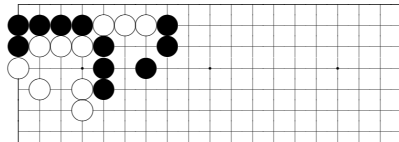
problem 14



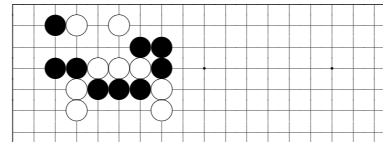
problem 19



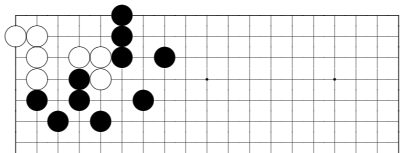
problem 15



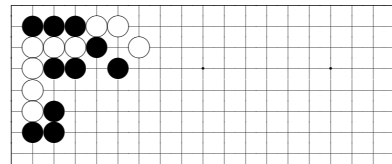
problem 20



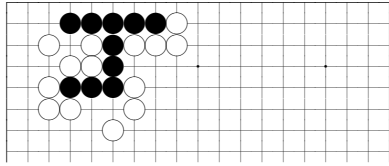
problem 792



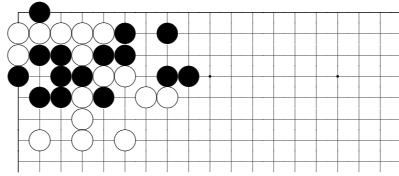
problem 16



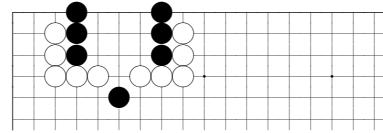
problem 21



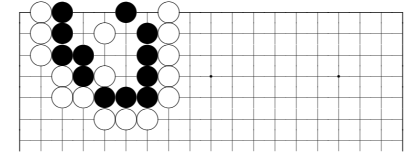
problem 32



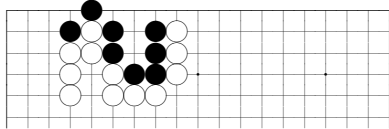
problem 37



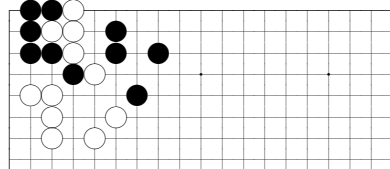
problem 771



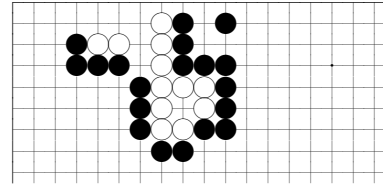
problem 776



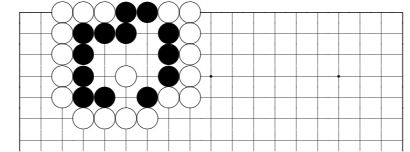
problem 33



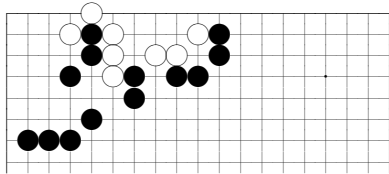
problem 38



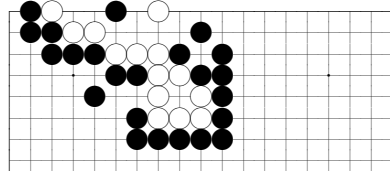
problem 772



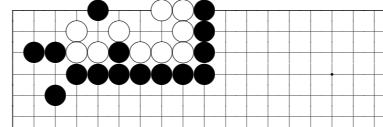
problem 777



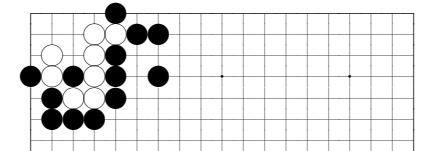
problem 34



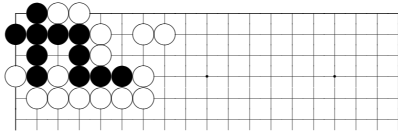
problem 39



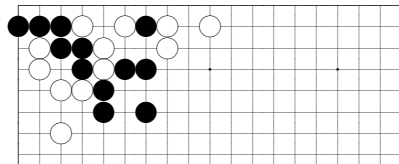
problem 773



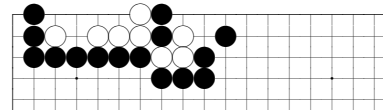
problem 778



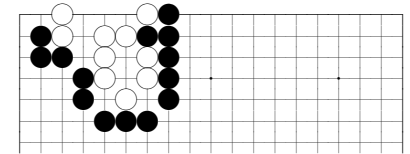
problem 35



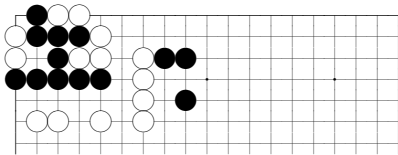
problem 40



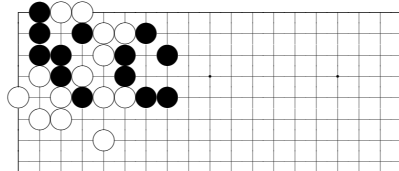
problem 774



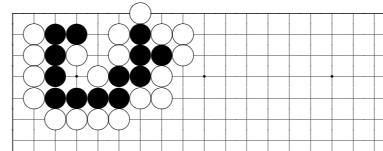
problem 779



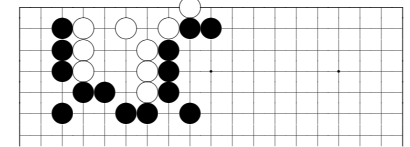
problem 36



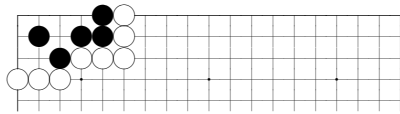
problem 41



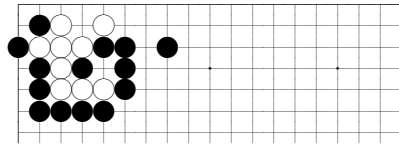
problem 775



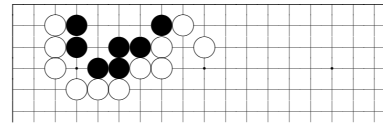
problem 780



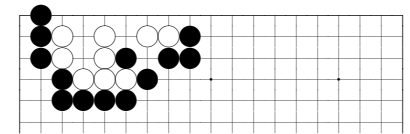
problem 53



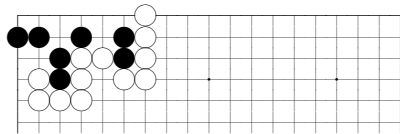
problem 59



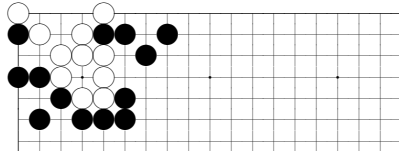
problem 750



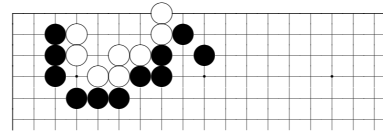
problem 756



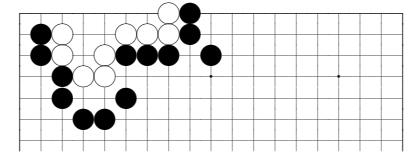
problem 54



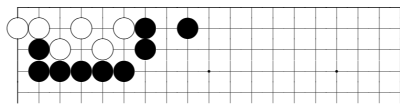
problem 60



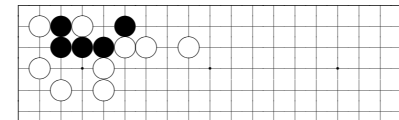
problem 751



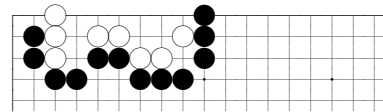
problem 757



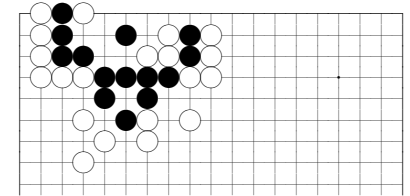
problem 55



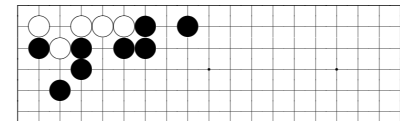
problem 61



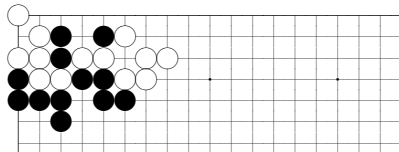
problem 752



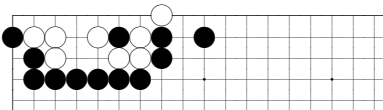
problem 758



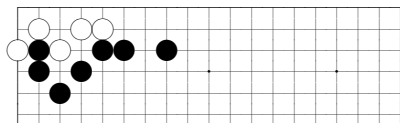
problem 56



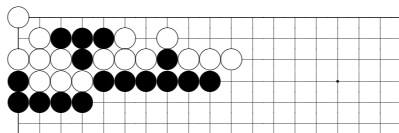
problem 62



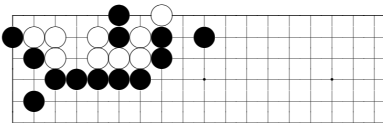
problem 753



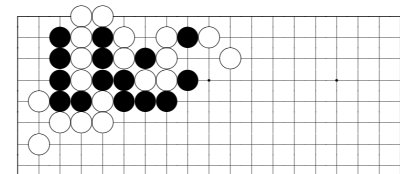
problem 57



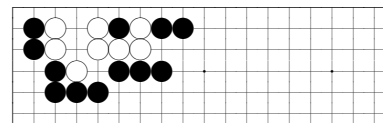
problem 63



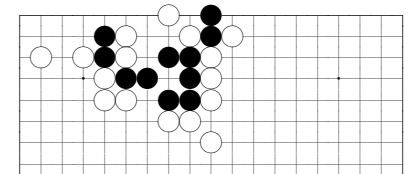
problem 754



problem 58

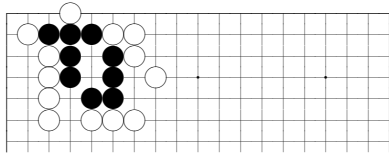


problem 755

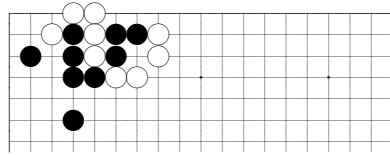


problem 760

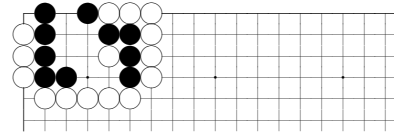




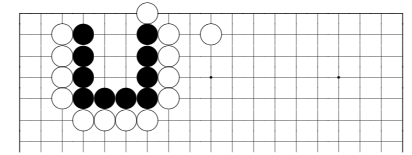
problem 74



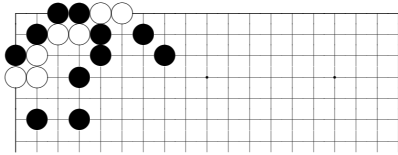
problem 79



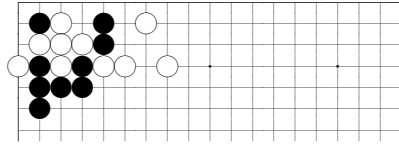
problem 726



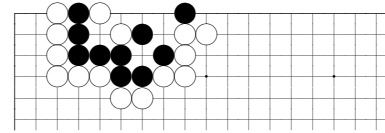
problem 732



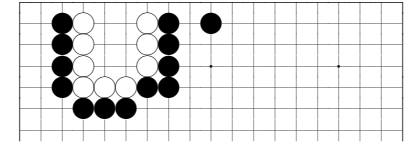
problem 75



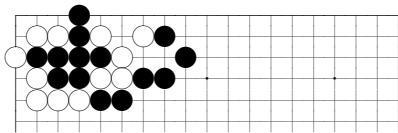
problem 80



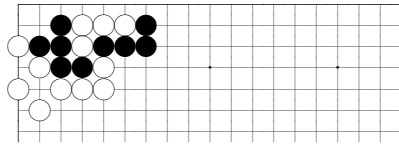
problem 727



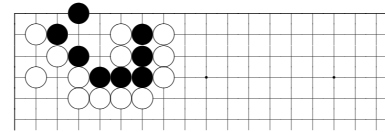
problem 733



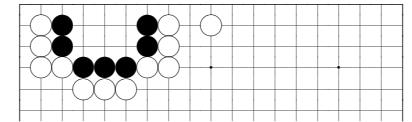
problem 76



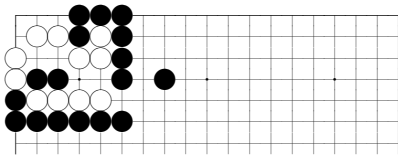
problem 81



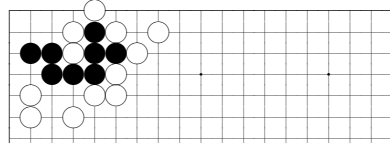
problem 728



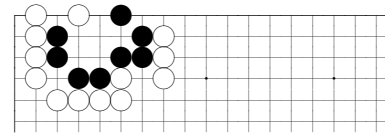
problem 734



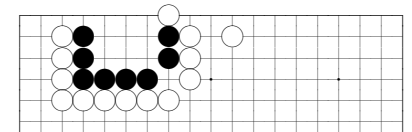
problem 77



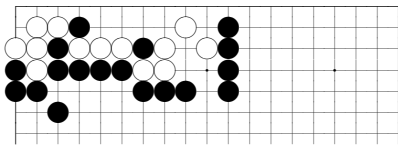
problem 82



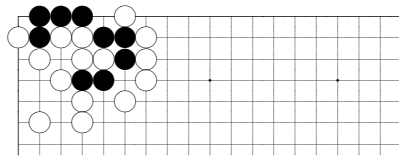
problem 729



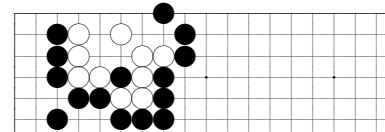
problem 735



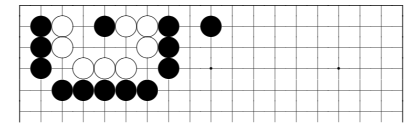
problem 78



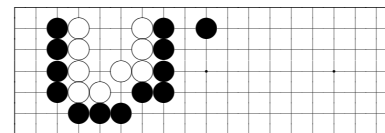
problem 83



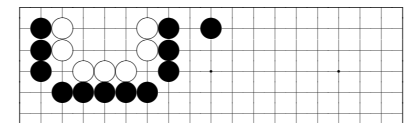
problem 730



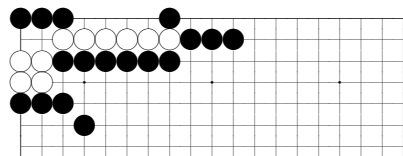
problem 736



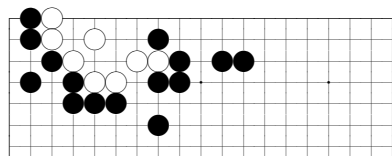
problem 731



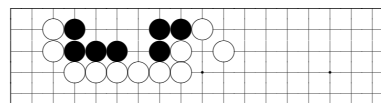
problem 737



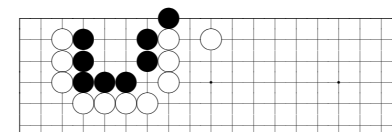
problem 94



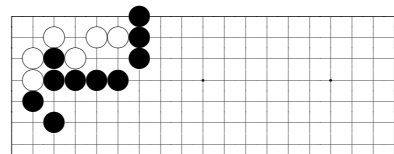
problem 99



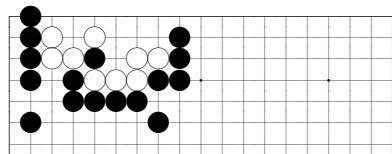
problem 704



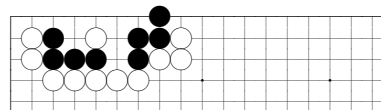
problem 710



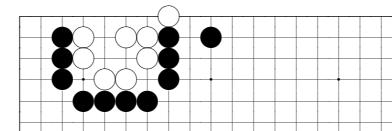
problem 95



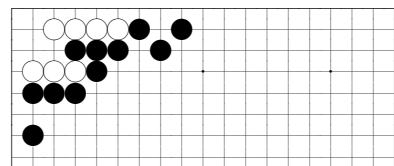
problem 100



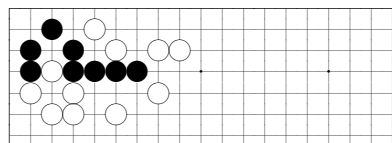
problem 705



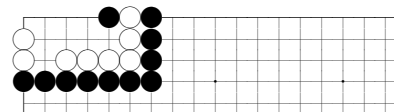
problem 711



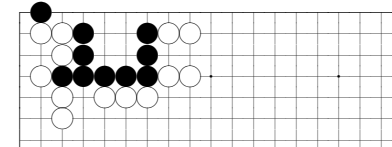
problem 96



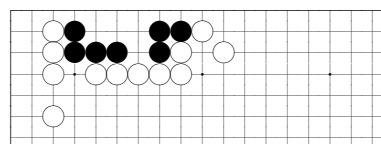
problem 101



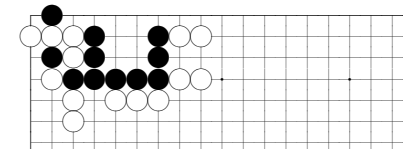
problem 706



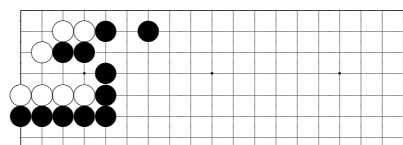
problem 712



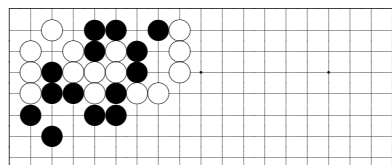
problem 707



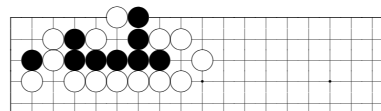
problem 713



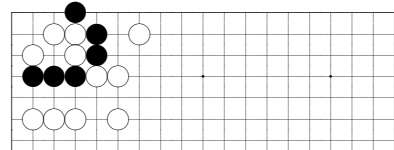
problem 97



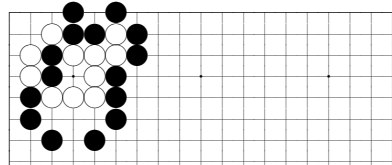
problem 102



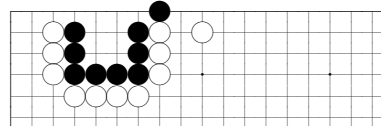
problem 708



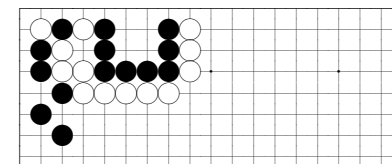
problem 98



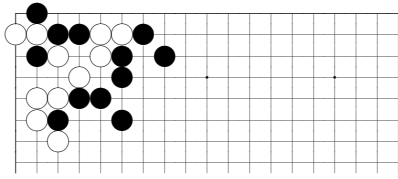
problem 103



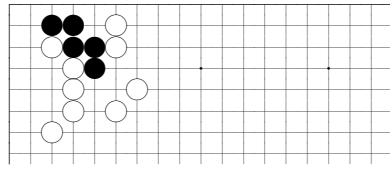
problem 709



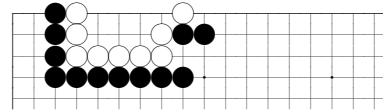
problem 714



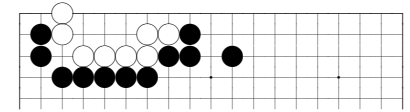
problem 114



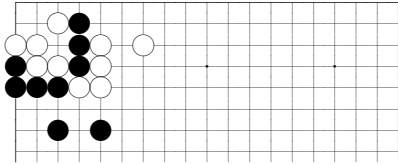
problem 119



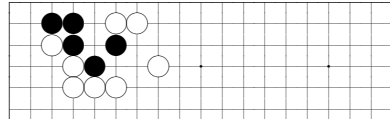
problem 680



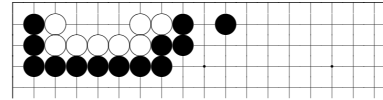
problem 686



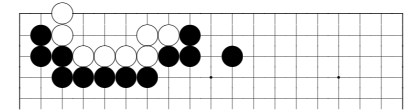
problem 115



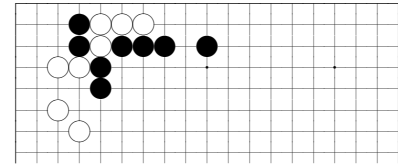
problem 120



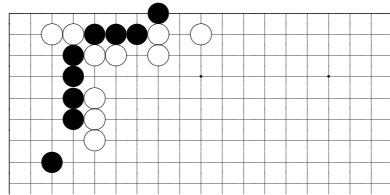
problem 681



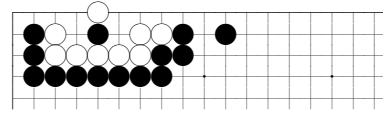
problem 687



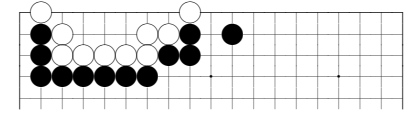
problem 116



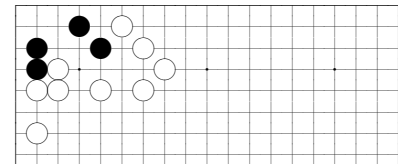
problem 121



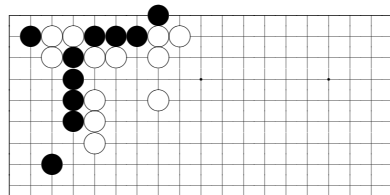
problem 682



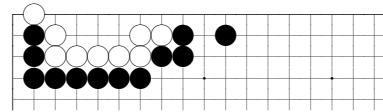
problem 688



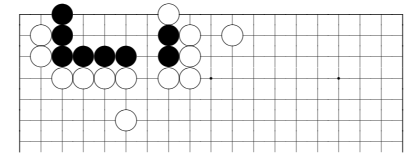
problem 117



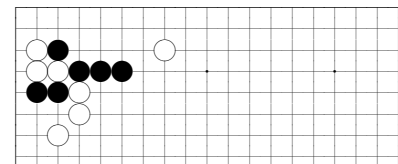
problem 122



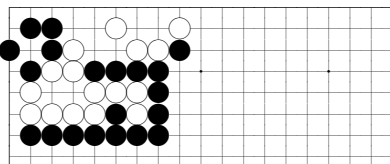
problem 683



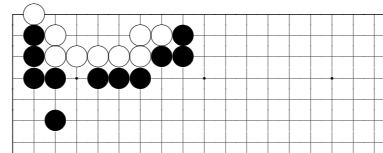
problem 689



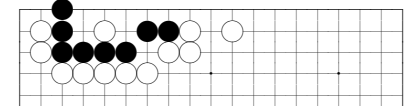
problem 118



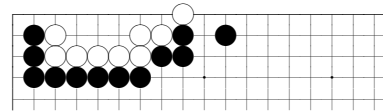
problem 123



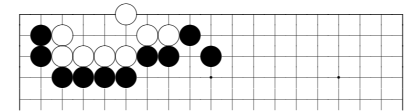
problem 684



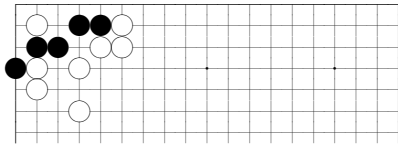
problem 690



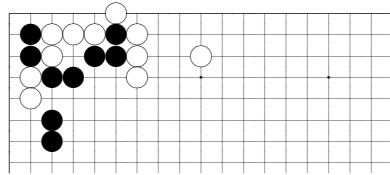
problem 685



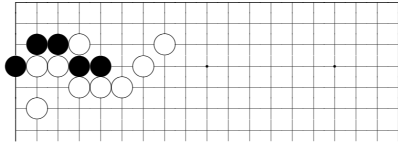
problem 691



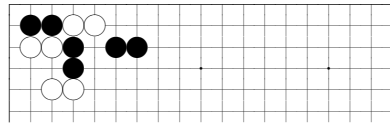
problem 135



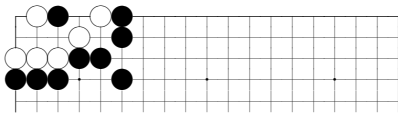
problem 140



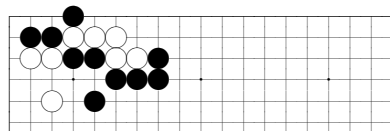
problem 136



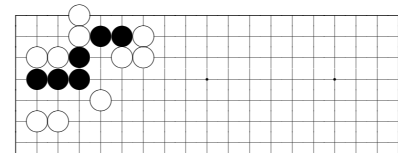
problem 141



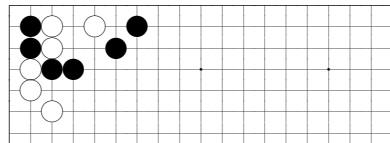
problem 137



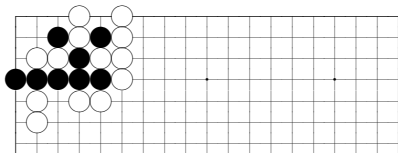
problem 142



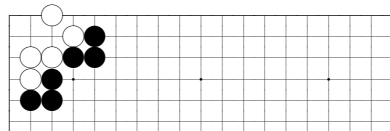
problem 138



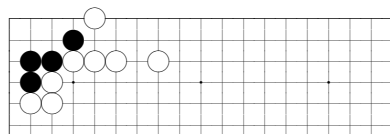
problem 143



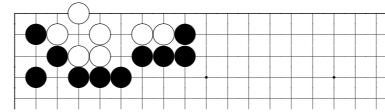
problem 139



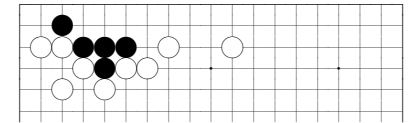
problem 144



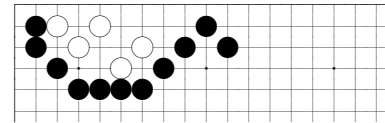
problem 145



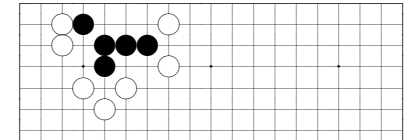
problem 656



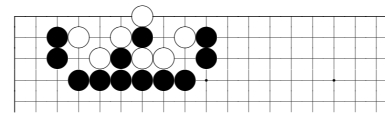
problem 662



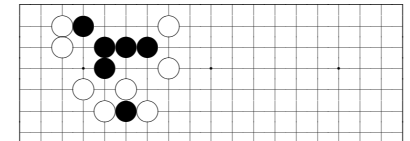
problem 657



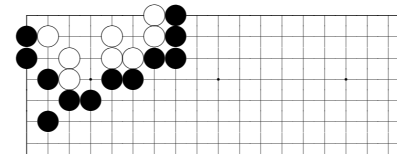
problem 663



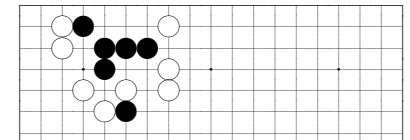
problem 658



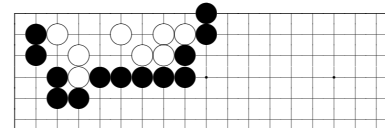
problem 664



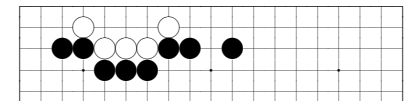
problem 659



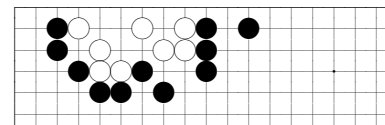
problem 665



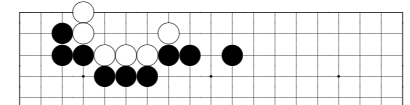
problem 660



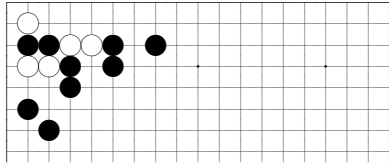
problem 666



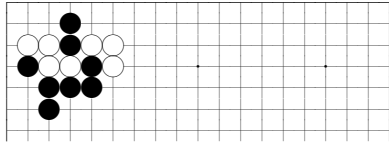
problem 661



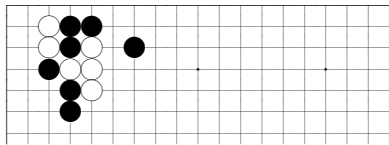
problem 667



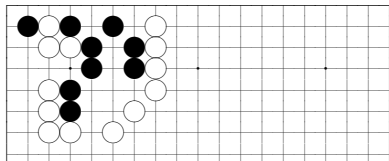
*problem 156*



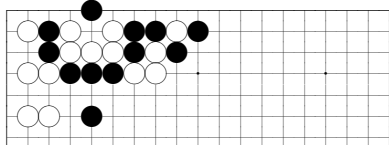
*problem 157*



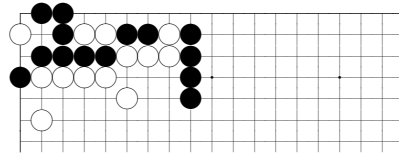
*problem 158*



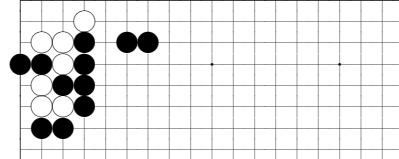
*problem 159*



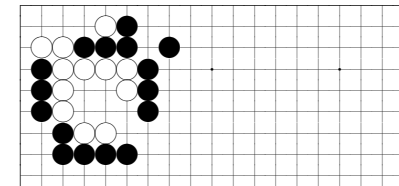
*problem 160*



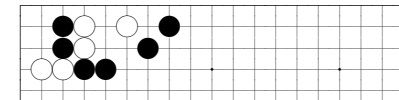
*problem 161*



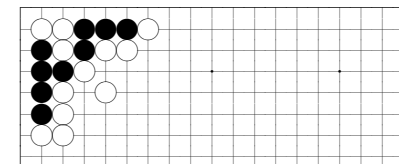
*problem 162*



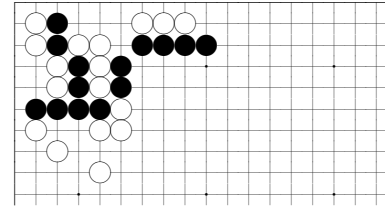
*problem 163*



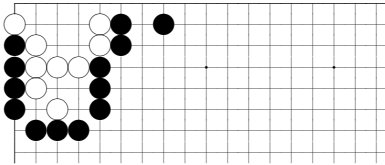
*problem 164*



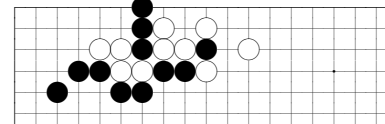
*problem 165*



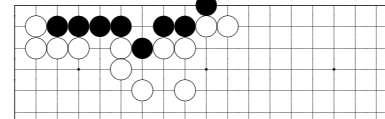
*problem 633*



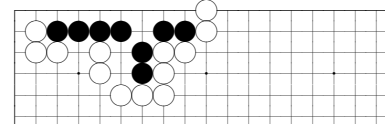
*problem 634*



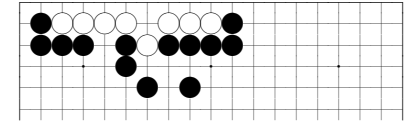
*problem 635*



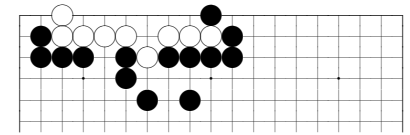
*problem 636*



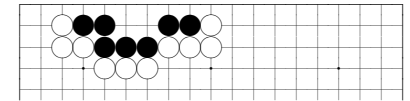
*problem 637*



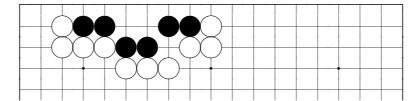
*problem 638*



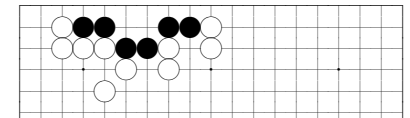
*problem 639*



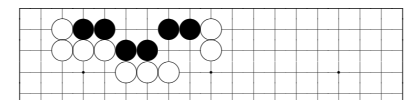
*problem 640*



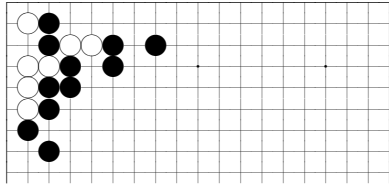
*problem 641*



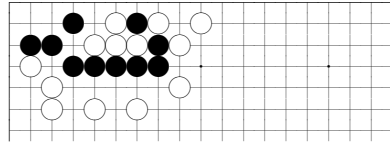
*problem 642*



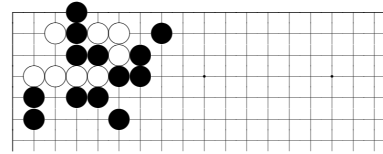
*problem 643*



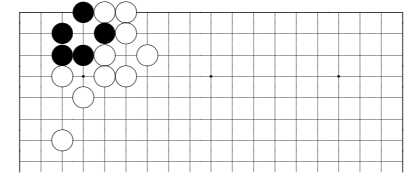
problem 176



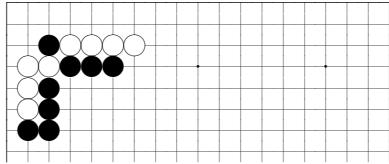
problem 181



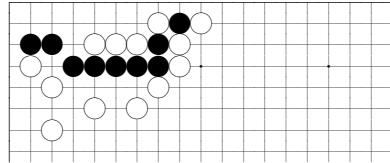
problem 613



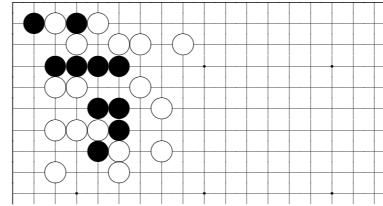
problem 618



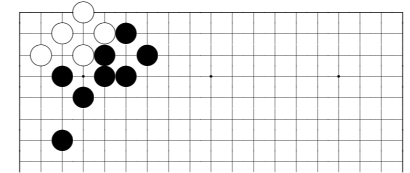
problem 177



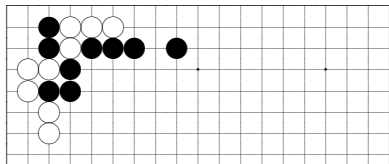
problem 182



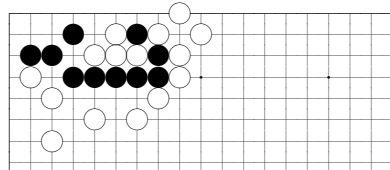
problem 614



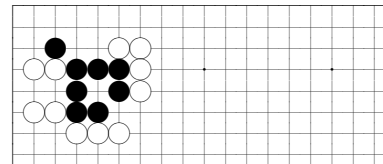
problem 619



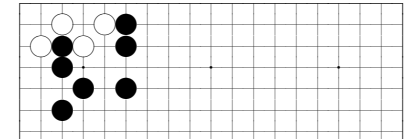
problem 178



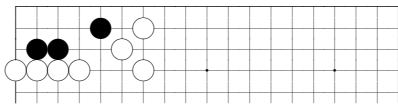
problem 183



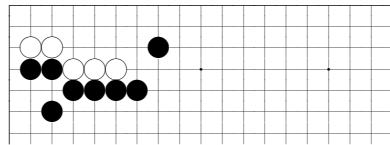
problem 615



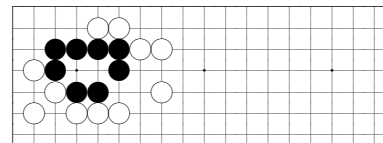
problem 620



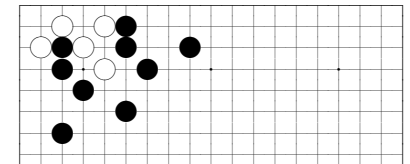
problem 179



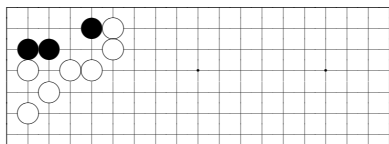
problem 184



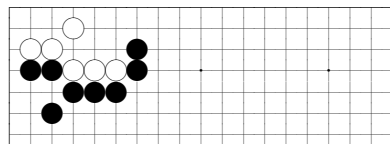
problem 616



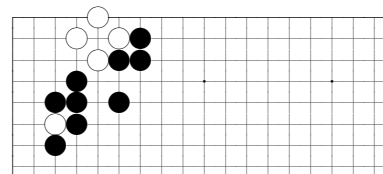
problem 621



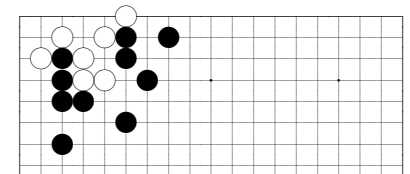
problem 180



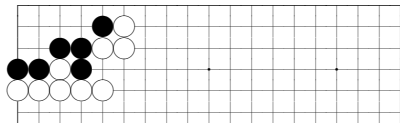
problem 185



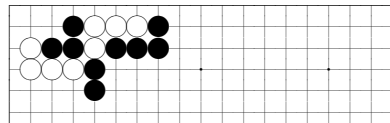
problem 617



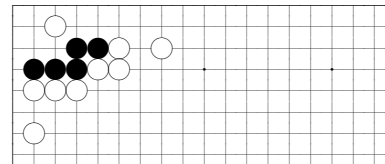
problem 622



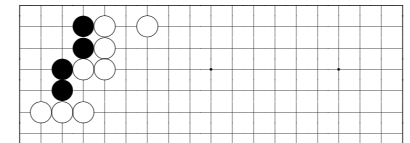
problem 196



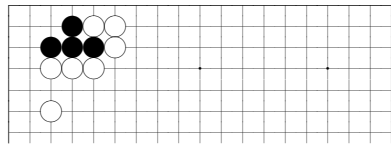
problem 201



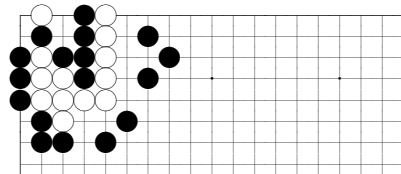
problem 593



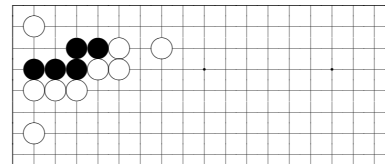
problem 598



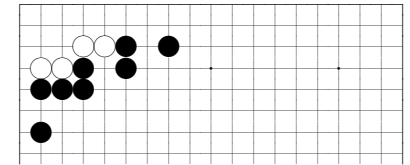
problem 197



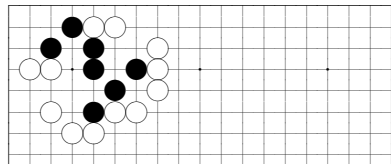
problem 202



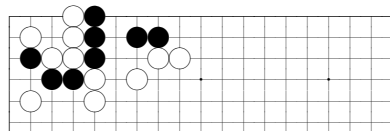
problem 594



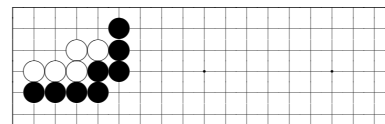
problem 599



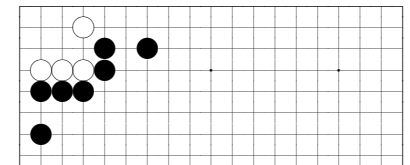
problem 198



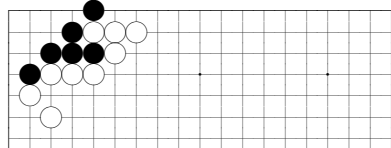
problem 203



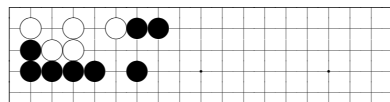
problem 595



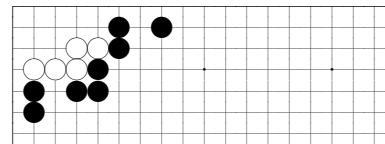
problem 600



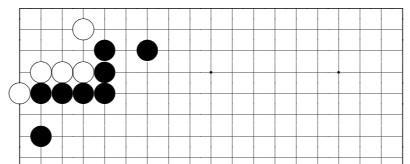
problem 199



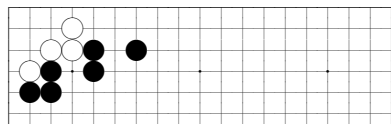
problem 204



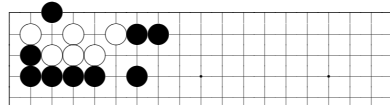
problem 596



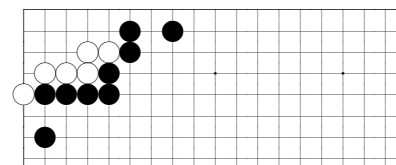
problem 601



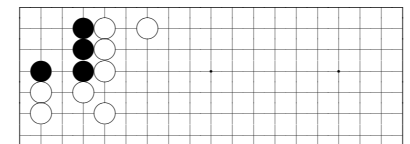
problem 200



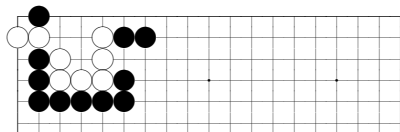
problem 205



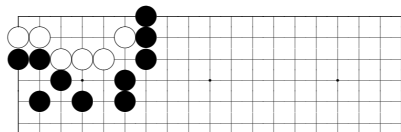
problem 597



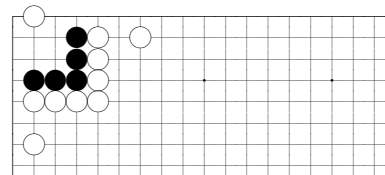
problem 602



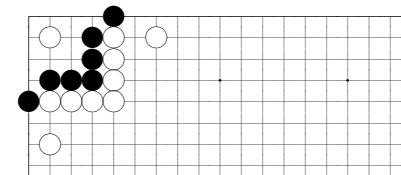
problem 217



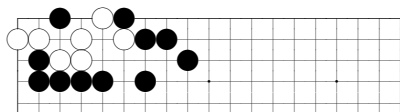
problem 223



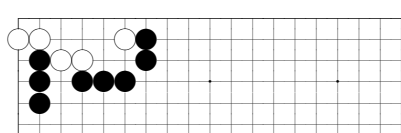
problem 572



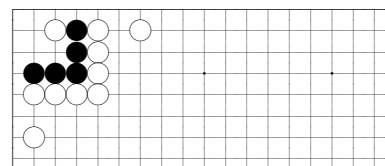
problem 577



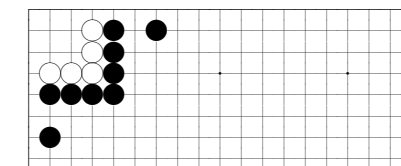
problem 218



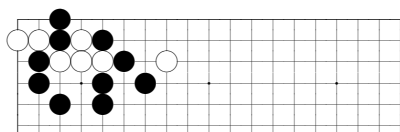
problem 224



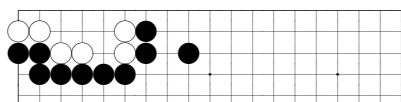
problem 573



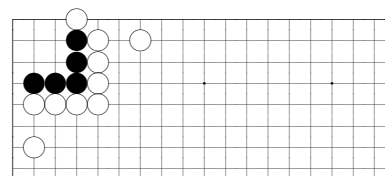
problem 578



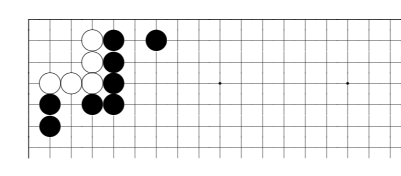
problem 219



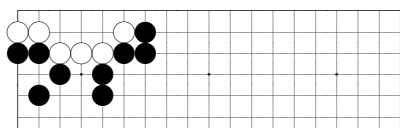
problem 225



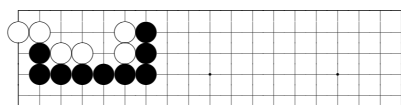
problem 574



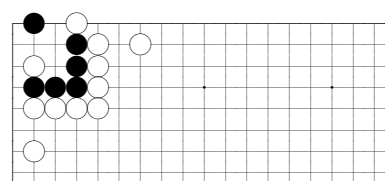
problem 579



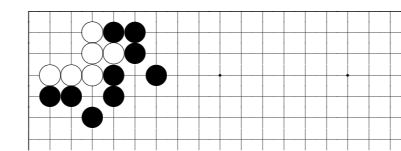
problem 220



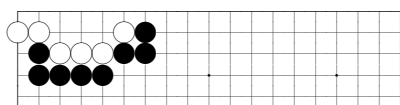
problem 226



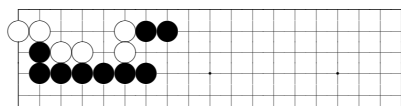
problem 575



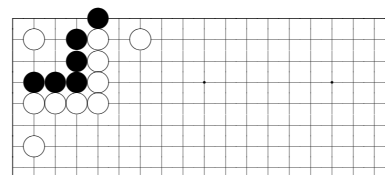
problem 580



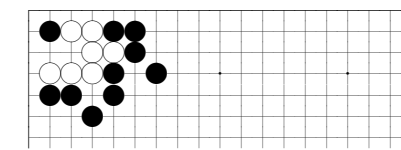
problem 221



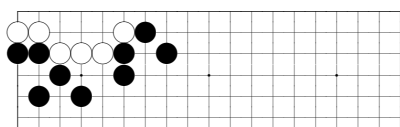
problem 227



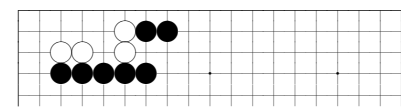
problem 576



problem 581

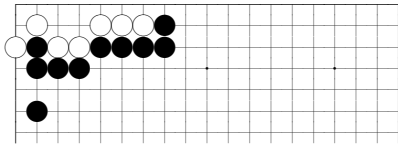


problem 222

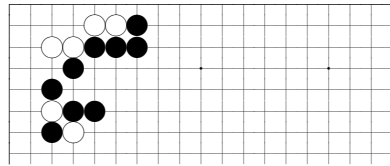


problem 228

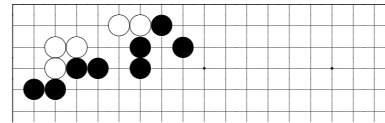




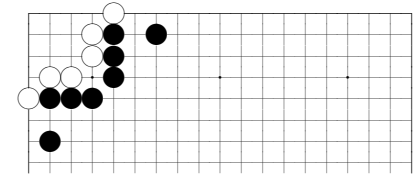
problem 240



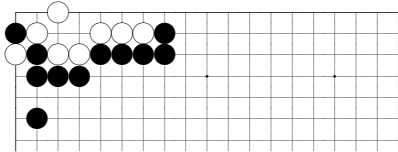
problem 246



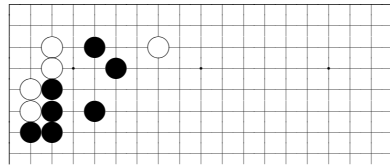
problem 552



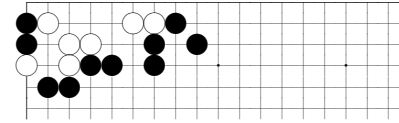
problem 557



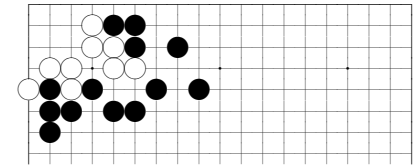
problem 241



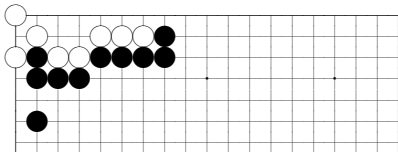
problem 247



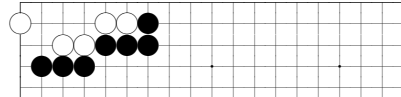
problem 553

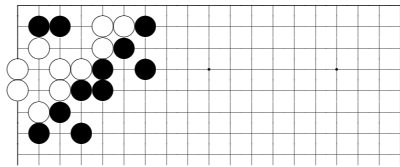


problem 558

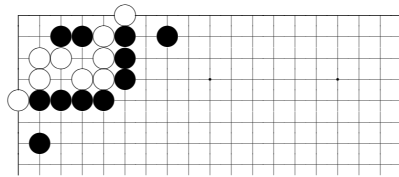


problem 242

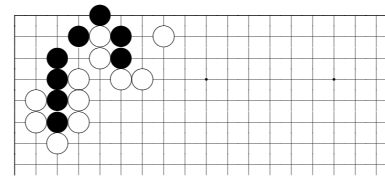




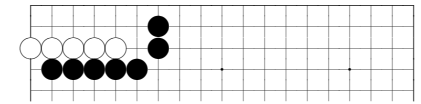
problem 262



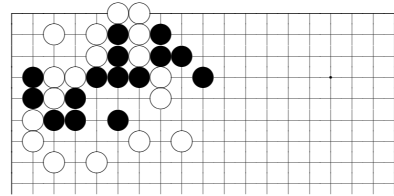
problem 266



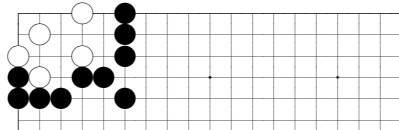
problem 530



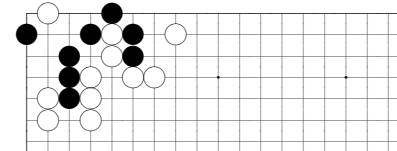
problem 535



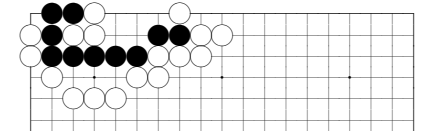
problem 263



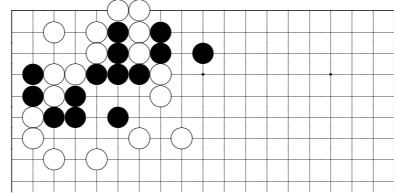
problem 267



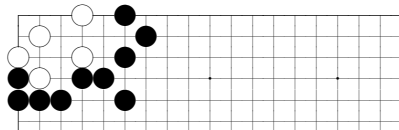
problem 531



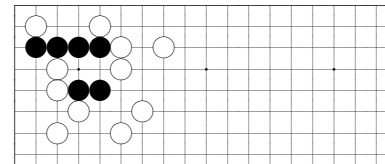
problem 536



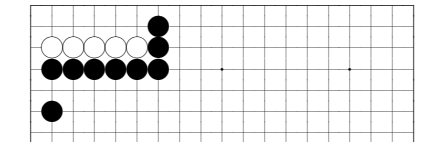
problem 264



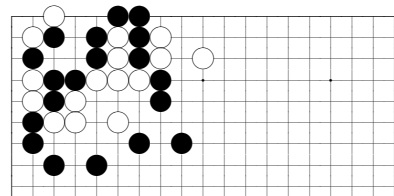
problem 268



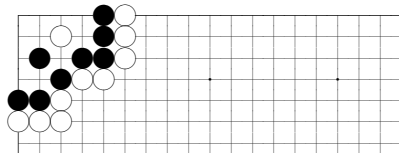
problem 532



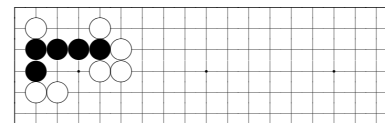
problem 537



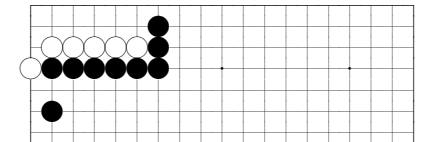
problem 265



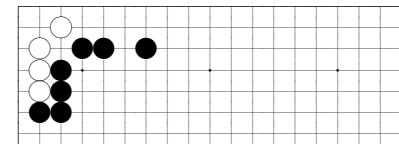
problem 269



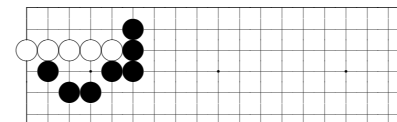
problem 533



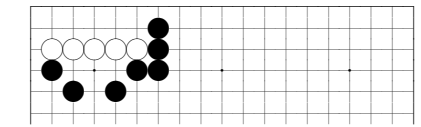
problem 538



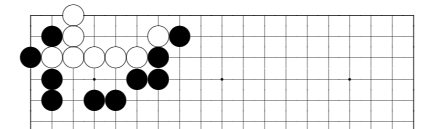
problem 270



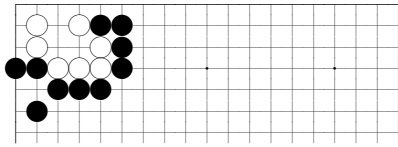
problem 534



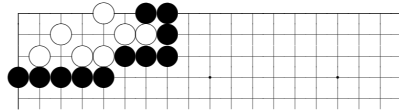
problem 539



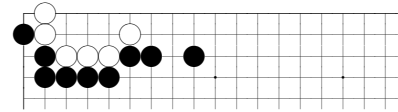
problem 540



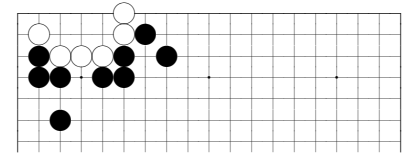
problem 282



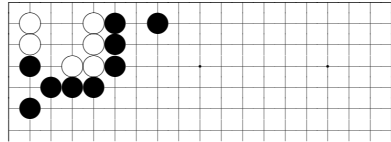
problem 288



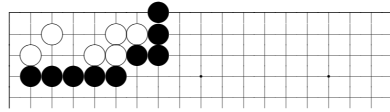
problem 507



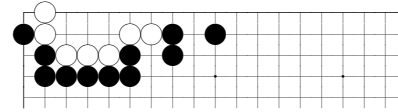
problem 513



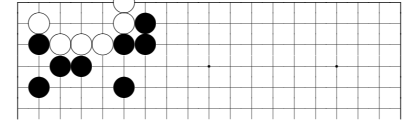
problem 283



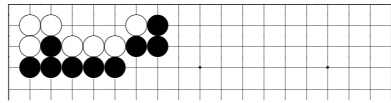
problem 289



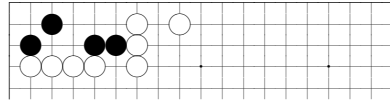
problem 508



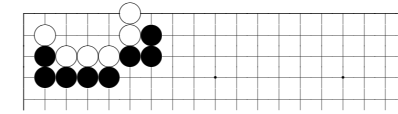
problem 514



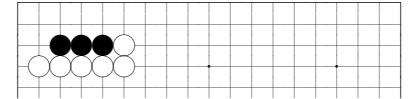
problem 284



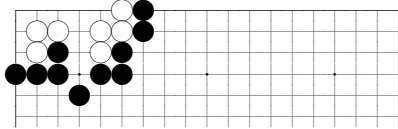
problem 290



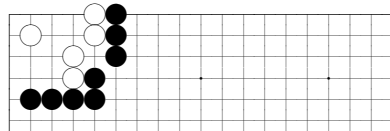
problem 509



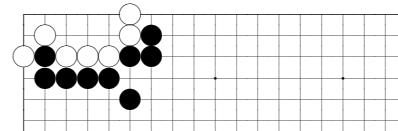
problem 515



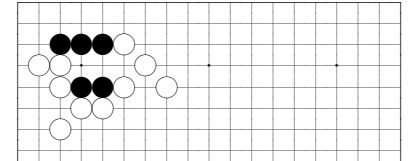
problem 285



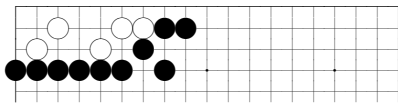
problem 291



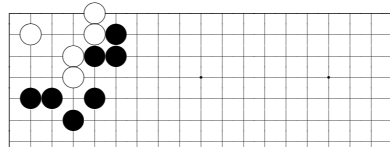
problem 510

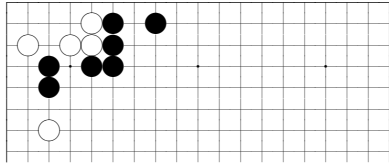


problem 516

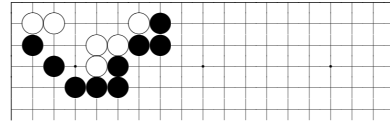


problem 286





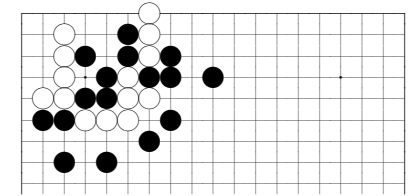
problem 305



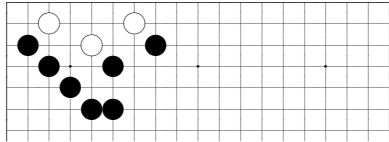
problem 310



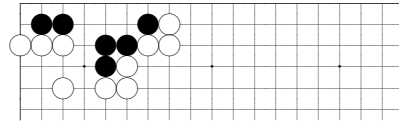
problem 484



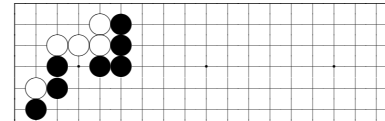
problem 489



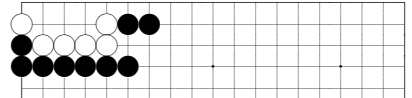
problem 306



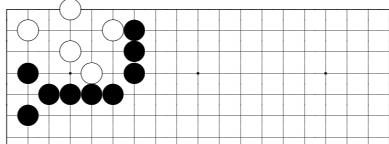
problem 311



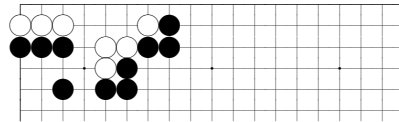
problem 485



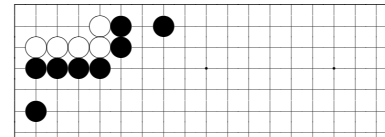
problem 490



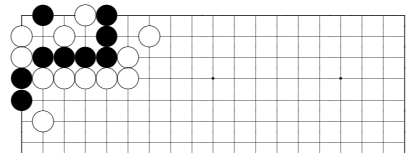
problem 307



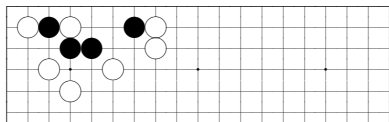
problem 312



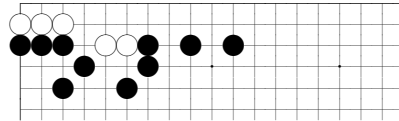
problem 486



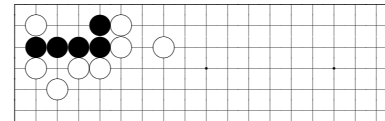
problem 491



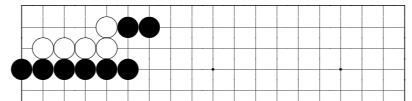
problem 308



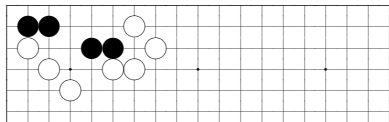
problem 313



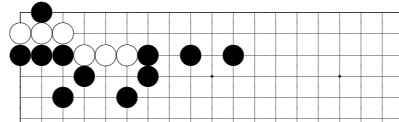
problem 487



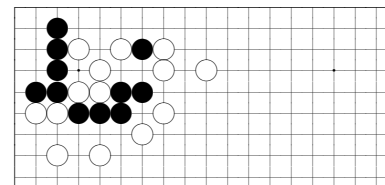
problem 492



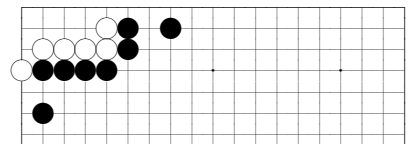
problem 309



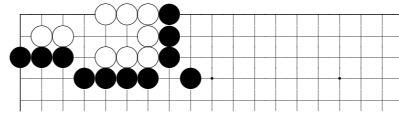
problem 314



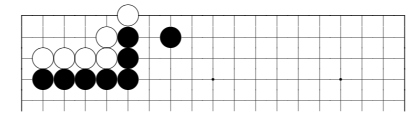
problem 488



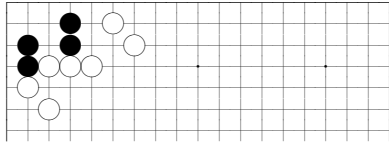
problem 493



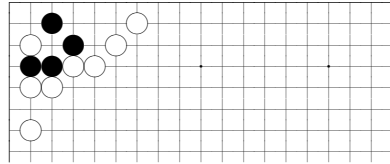
problem 315



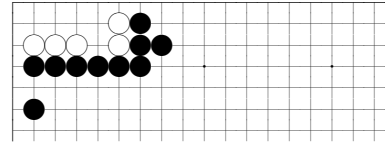
problem 494



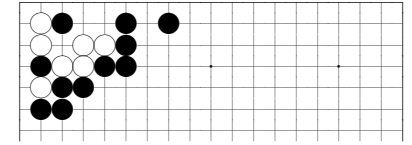
problem 328



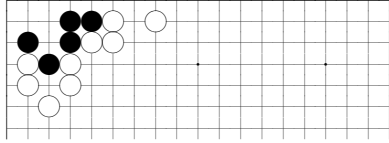
problem 333



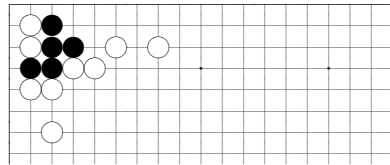
problem 463



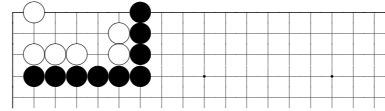
problem 469



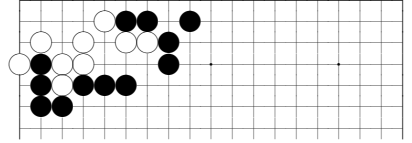
problem 329



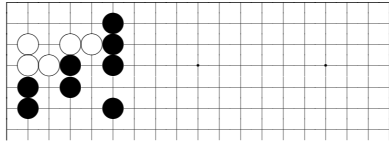
problem 334



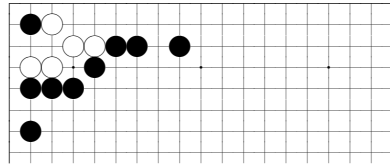
problem 464



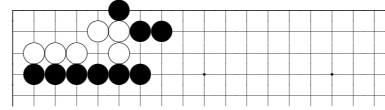
problem 470



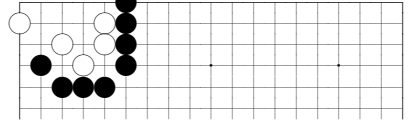
problem 330



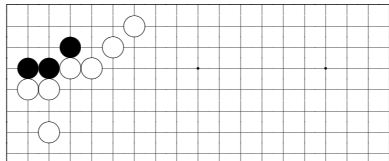
problem 335



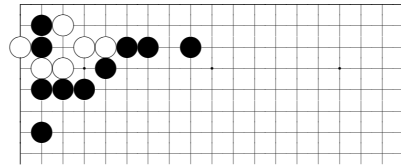
problem 465



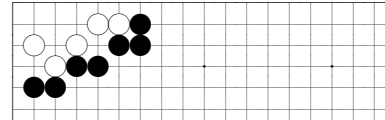
problem 471



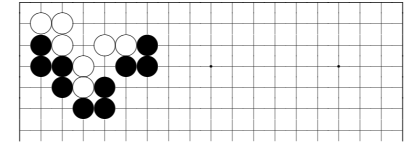
problem 331



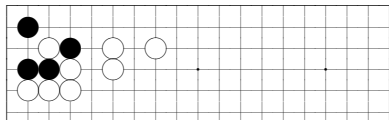
problem 336



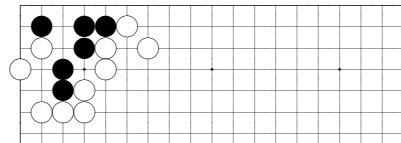
problem 466



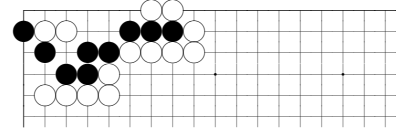
problem 472



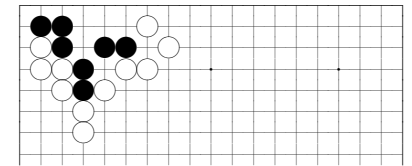
problem 332



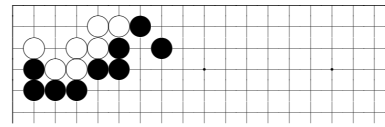
problem 337



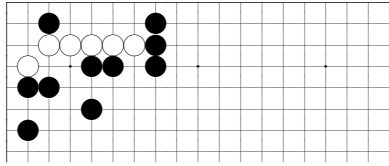
problem 467



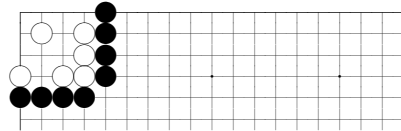
problem 473



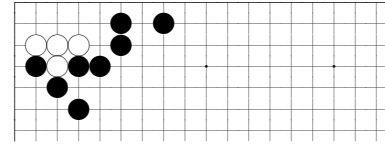
problem 468



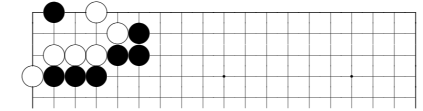
problem 348



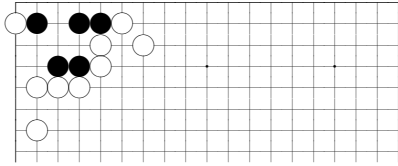
problem 353



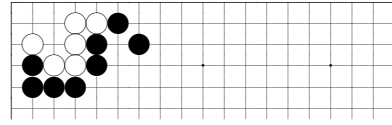
problem 441



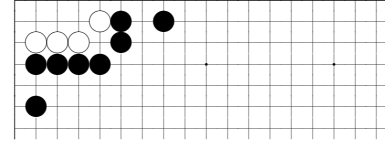
problem 446



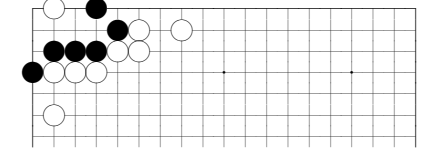
problem 349



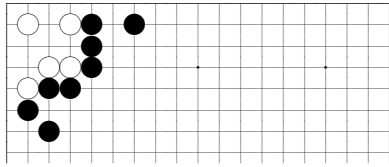
problem 354



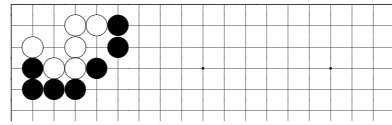
problem 442



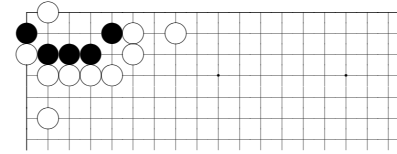
problem 447



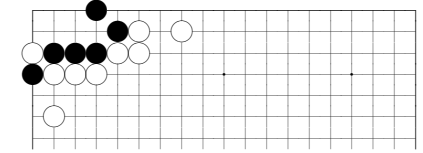
problem 350

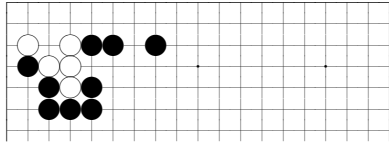


problem 355

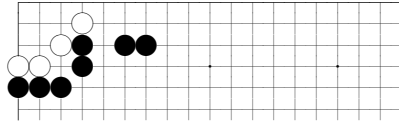


problem 443

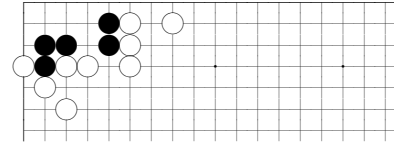




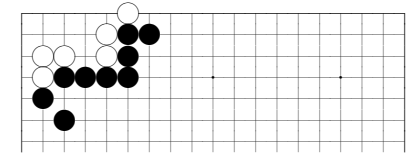
problem 369



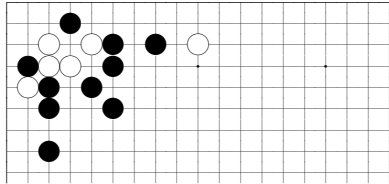
problem 374



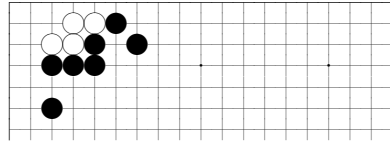
problem 420



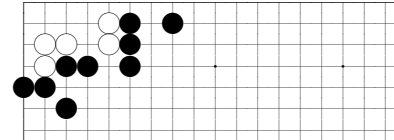
problem 425



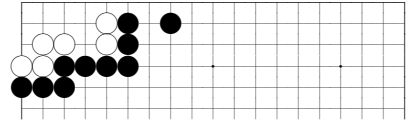
problem 370



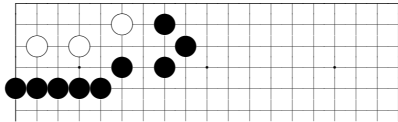
problem 375



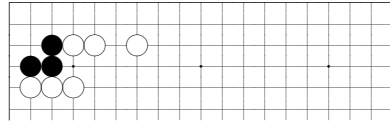
problem 421



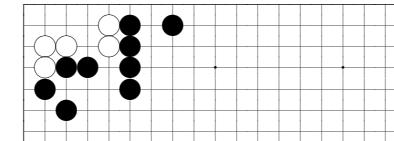
problem 426



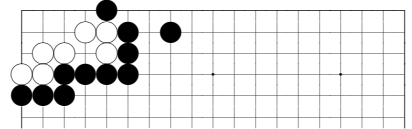
problem 371



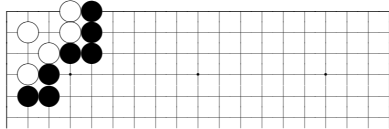
problem 376



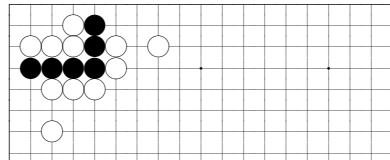
problem 422



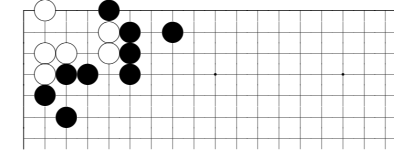
problem 427



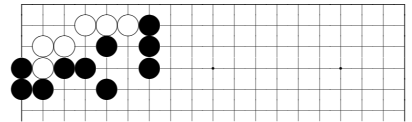
problem 372



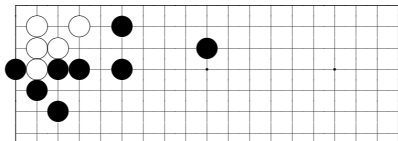
problem 377



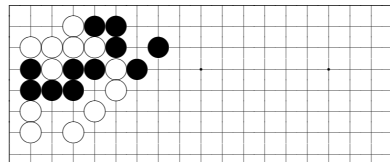
problem 423



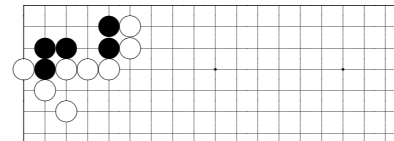
problem 428



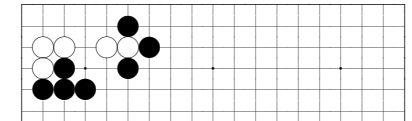
problem 373



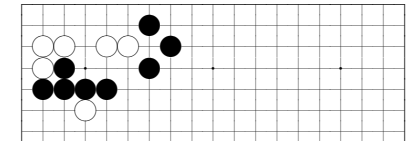
problem 378



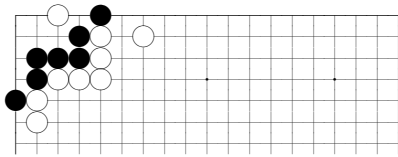
problem 424



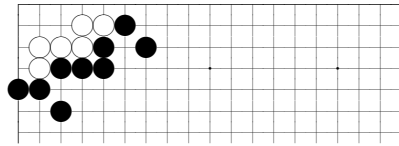
problem 429



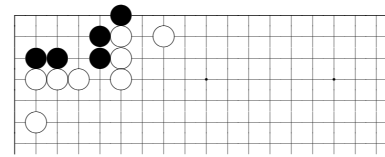
problem 430



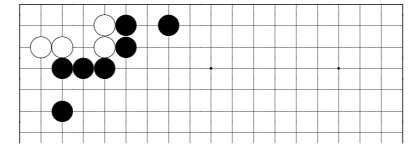
problem 390



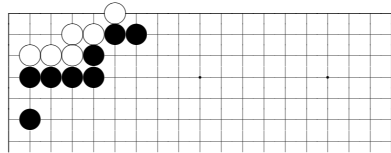
problem 395



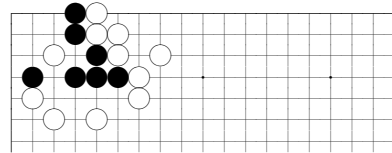
problem 400



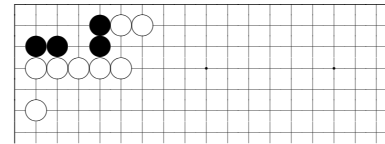
problem 405



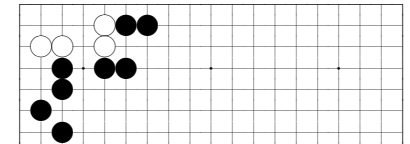
problem 391



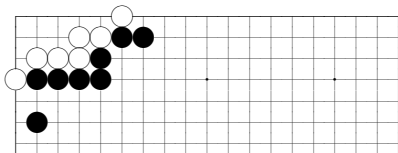
problem 396



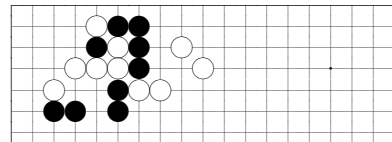
problem 401



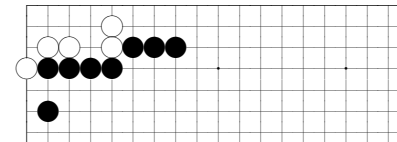
problem 406



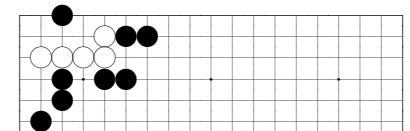
problem 392



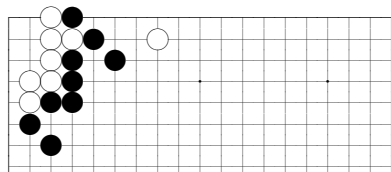
problem 397



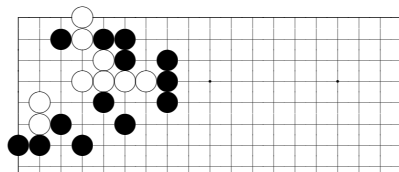
problem 402



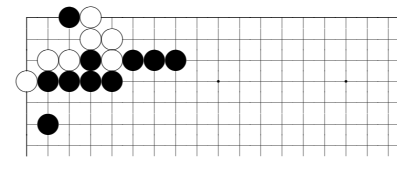
problem 407



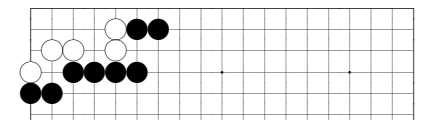
problem 393



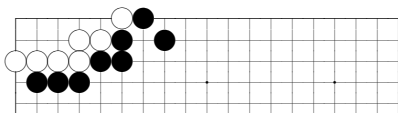
problem 398



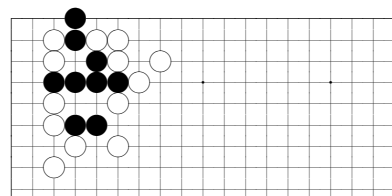
problem 403



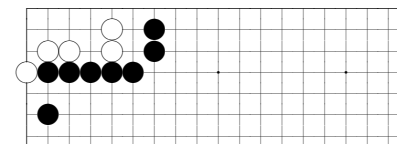
problem 408



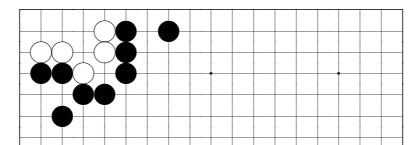
problem 394



problem 399



problem 404



problem 409