

\$ + GNU Chess Sample Match with MACH

Article 1586 of rec.games.chess:
Path: ai-lab!cracraft
From: cracraft@wheaties.ai.mit.edu (Stuart Cracraft)
Newsgroups: rec.games.chess,gnu.chess
Subject: GNU Chess 1.55 vs. Fidelity Mach 3
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The following is the complete match between GNU Chess 1.55 on Sparc-1 and Fidelity Mach 3. The game header contains the sides with White listed first. The result is listed after the last move of each game. Time control was 60/15. Both sides used transposition tables and thinking on the opponent's time. Opening books were enabled using random openings.

--Stuart Cracraft

P.S. This version of GNU has just been released by FSF.

Match Game GNU_vs_Mach3

| | | | | |
|---------------|---------------|---------------|---------------|---------------|
| 1 . e2e4,e7e5 | 2 . g1f3,b8c6 | 3 . f1c4,c6d4 | 4 . f3e5,d4e6 | 5 . d1h5,g7g6 |
| 6 . h5h3,d8g5 | 7 . e5f3,g5c5 | 8 . b2b3,f8g7 | 9 . c2c3,c5c6 | 10. c4d5,c6b5 |
| 11. d2d4,g8f6 | 12. d5c4,b5a5 | 13. b3b4,a5b6 | 14. d4d5,f6e4 | 15. h3h4,e4c3 |
| 16. d5e6,f7e6 | 17. a2a3,a7a5 | 18. b4a5,a8a5 | 19. b1d2,a5h5 | 20. h4g4,c3e4 |
| 21. d2e4,g7a1 | 22. e1g1,a1g7 | 23. c1g5,d7d5 | 24. c4d5,e8g8 | 25. d5c4,g8h8 |
| 26. e4g3,e6e5 | 27. g4e4,h5g5 | 28. f3g5,b6f6 | 29. g5f3,f6e7 | 30. f1e1,e7c5 |
| 31. e4d3,c8g4 | 32. g3e4,c5a5 | 33. f3d2,g4f5 | 34. e1b1,b7b6 | 35. d3g3,c7c6 |
| 36. g3e3,b6b5 | 37. c4e2,a5d8 | 38. b1c1,f5d7 | 39. d2f3,d8e7 | 40. e3a7,e7f7 |
| 41. c1c5,f7e6 | 42. e2d3,e6b3 | 43. d3c2,b3e6 | 44. a3a4,b5a4 | 45. a7a4,f8b8 |
| 46. a4a7,b8b2 | 47. c2d3,b2b3 | 48. a7a8,d7e8 | 49. e4c3,b3b6 | 50. d3c4,e6e7 |
| 51. c5a5,b6b4 | 52. a5a7,e7f8 | 53. f3d2,h7h6 | 54. c3e4,b4b2 | 55. c4d3,b2b4 |
| 56. d2c4,b4b3 | 57. d3c2,b3b4 | 58. c4d6,b4e4 | 59. c2e4,f8d6 | 60. a8e8,h8h7 |
| 61. a7d7,d6f6 | 62. e8c8,c6c5 | 63. c8c5,f6f4 | 64. c5c6,f4g5 | 65. c6c7,h7h8 |
| 66. c7c8,h8h7 | 67. e4d5,g5c1 | 68. c8c1,h6h5 | 69. h2h4,h7h8 | 70. c1c8,h8h7 |
| 71. c8g8,h7h6 | 72. g8g7 1-0 | | | |

Match Game Mach3_vs_GNU

| | | | | |
|---------------|---------------|---------------|---------------|---------------|
| 1 . e2e4,e7e5 | 2 . f2f4,e5f4 | 3 . g1f3,d7d6 | 4 . d2d3,g7g5 | 5 . c1d2,f8g7 |
| 6 . d2c3,g7c3 | 7 . b1c3,g5g4 | 8 . f3g1,d8h4 | 9 . e1d2,g8f6 | 10. d2c1,e8g8 |
| 11. d1d2,f6h5 | 12. c3d5,h5g3 | 13. d2e1,h4h6 | 14. h2g3,h6h1 | 15. d5c7,b8a6 |
| 16. e1a5,f7f5 | 17. a5d5,f8f7 | 18. c7a8,h1g1 | 19. c1d2,a6b4 | 20. d5c4,g1f2 |
| 21. f1e2,f2e3 | 22. d2d1,b4c6 | 23. a1c1,e3g3 | 24. e4f5,c8f5 | 25. c4d5,g3e3 |

sample_game
\$ GNU Chess match with MACH
+ index:0040

26. c2c3,c6e5 27. d5d6,f4f3 28. g2f3,g4f3 29. e2f1,f3f2 30. d1c2,f5d3
31. f1d3,e5d3 32. d6d8,f7f8 33. d8d3,e3c1 34. c2c1,f2f1 35. d3f1,f8f1
36. c1d2,f1f2 37. d2c1,h7h5 38. a8c7,h5h4 39. c7d5,h4h3 40. d5e7,g8f7
41. e7f5,f2f5 42. c1d2,h3h2 43. d2c2,f5f2 44. c2b3,h2h1 45. a2a3,h1b1
46. b3c4,b1b2 47. a3a4,f2f4 48. c4d3,b2g2 49. a4a5,g2e4 50. d3d2,f4f2
51. d2d1,e4h1 0-1

Match Game GNU_vs_Mach3

1 . e2e4,c7c5 2 . g1f3,d7d6 3 . d2d4,c5d4 4 . f3d4,g8f6 5 . b1c3,b8c6
6 . d4c6,b7c6 7 . f1c4,a8b8 8 . e4e5,f6d7 9 . e5d6,e7d6 10. e1g1,d6d5
11. f1e1,f8e7 12. c4d5,b8b6 13. d5f3,e8g8 14. c3a4,b6a6 15. e1e4,f7f5
16. e4d4,c6c5 17. d4f4,a6d6 18. d1e1,e7g5 19. f4c4,d7e5 20. c1g5,e5f3
21. g2f3,d8g5 22. g1h1,c8b7 23. e1e3,g5e3 24. f2e3,b7f3 25. h1g1,d6d2
26. h2h3,f8e8 27. c4c5,e8e3 28. c5f5,d2g2 29. g1f1,g2c2 30. h3h4,f3c6
31. b2b3,e3h3 32. f1e1,h3h4 33. e1d1,h4h2 34. d1e1,c2e2 35. e1d1,e2e6
36. f5f1,c6g2 37. f1f2,h2h1 38. d1c2,h1a1 39. f2g2,a1a2 40. a4b2,h7h5
41. b3b4,g7g6 42. c2b3,a2a6 43. b2d3,e6e3 44. b3c4,g8g7 45. c4d4,a6e6
46. d3c5,e6e7 47. g2a2,e3e1 48. a2g2,g7h6 49. g2a2,h5h4 50. a2h2,g6g5
51. b4b5,h6h5 52. c5d3,e1d1 53. h2h3,g5g4 54. h3e3,e7e3 55. d4e3,d1d3
56. e3d3 0-1

Match Game Mach3_vs_GNU

1 . e2e4,c7c5 2 . b2b4,c5b4 3 . a2a3,b8c6 4 . g1f3,g8f6 5 . a3b4,f6e4
6 . d2d3,e4f6 7 . b4b5,c6b4 8 . f1e2,d7d6 9 . c1d2,b4d5 10. c2c4,d5b6
11. e1g1,h7h6 12. b1c3,e7e5 13. f1e1,d8c7 14. d1b3,c8e6 15. d2e3,f8e7
16. c3a4,b6a4 17. b3a4,b7b6 18. d3d4,e5e4 19. f3d2,d6d5 20. c4d5,e6d5
21. e1c1,c7d7 22. f2f3,e4f3 23. d2f3,e8g8 24. f3e5,d7b7 25. a4a6,b7a6
26. a1a6,d5b7 27. a6a2,e7d6 28. e2c4,f6d5 29. e3f2,f8c8 30. a2a1,c8c7
31. a1a2,d5b4 32. a2a1,b7e4 33. f2g3,b4c2 34. a1a4,c2e3 35. c1e1,e4c2
36. a4a2,e3c4 37. a2c2,c4a3 38. c2b2,f7f6 39. e5g6,d6g3 40. h2g3,g8f7
41. g6f4,c7c2 42. b2b3,a3c4 43. b3b1,c4d6 44. g1h2,a8e8 45. e1e8,f7e8
46. h2h3,e8f7 47. b1b4,g7g5 48. f4h5,f6f5 49. h3h2,f7g6 50. g3g4,f5g4
51. h5g3,h6h5 52. h2g1,h5h4 53. g3f1,h4h3 54. g2h3,g4h3 55. b4b3,g5g4
56. b3g3,g6h5 57. g3g4,h3h2 58. f1h2,c2h2 59. g4g7,h2a2 60. g7d7,d6f5
61. g1f1,h5h6 62. f1e1,a2b2 63. d7a7,f5d4 64. a7a6,b2b5 65. e1d2,h6g5
66. d2c3,d4c6 67. c3c4,b5c5 68. c4b3,b6b5 69. b3b2,g5f4 70. a6a3,b5b4
71. a3b3,c5c4 72. b3d3,c6d4 73. b2b1,f4e4 74. d3h3,b4b3 75. h3g3,e4d5
76. g3g5,d5d6 77. g5g3,d6c5 78. g3g5,c5b4 79. g5g4,d4b5 80. g4c4,b4c4
81. b1b2,b5d6 82. b2a3,c4c3 83. a3a4,b3b2 84. a4a5,b2b1 85. a5a6,b1b5
86. a6a7,b5b7 0-1

Match Game GNU_vs_Mach3

1 . e2e4,c7c6 2 . d2d4,d7d5 3 . e4e5,c8f5 4 . f1d3,f5d3 5 . d1d3,b8a6
6 . d3b3,d8a5 7 . c1d2,a5b6 8 . b3b6,a7b6 9 . g1f3,e7e6 10. e1g1,f8e7
11. c2c3,g8h6 12. d2h6,g7h6 13. b1d2,h8g8 14. g1h1,a6c7 15. f1g1,e8d7
16. c3c4,d7c8 17. c4d5,c7d5 18. g1c1,d5b4 19. d2c4,c8b8 20. a2a3,b4d3
21. c1c2,a8a6 22. a1d1,d3f4 23. c4e3,f7f5 24. g2g3,f4h5 25. e3c4,f5f4
26. c2c3,g8d8 27. g3g4,h5g7 28. b2b4,g7e8 29. h2h4,e8c7 30. h1g2,c7d5

| | | | | |
|----------------|----------------|----------------|----------------|----------------|
| 31. c3c2,a6a4 | 32. d1d3,a4a7 | 33. c2c1,b6b5 | 34. c4d2,d8g8 | 35. g2h3,a7a6 |
| 36. d2e4,d5c7 | 37. e4c5,a6a7 | 38. c1b1,b8a8 | 39. b1g1,g8d8 | 40. g1d1,a8b8 |
| 41. h3h2,b7b6 | 42. c5e4,d8g8 | 43. h2h3,c7d5 | 44. d1e1,a7d7 | 45. e1c1,b8c7 |
| 46. e4c3,g8a8 | 47. c3d5,d7d5 | 48. d3c3,c7d7 | 49. h4h5,d7e8 | 50. c3c6,a8a3 |
| 51. h3g2,e8f7 | 52. c6c7,d5d8 | 53. c1c6,d8g8 | 54. f3h2,a3d3 | 55. c6b6,d3d4 |
| 56. b6b5,f7e8 | 57. b5b8,d4d8 | 58. b8b6,e8f7 | 59. b6b7,g8e8 | 60. c7c4,d8b8 |
| 61. c4f4,f7g8 | 62. b7d7,e8f8 | 63. f4f8,g8f8 | 64. f2f4,f8e8 | 65. d7c7,b8b4 |
| 66. g2f3,b4b3 | 67. f3e4,b3b4 | 68. e4e3,b4b3 | 69. e3f2,e8d8 | 70. c7c4,e7h4 |
| 71. f2g2,b3b2 | 72. g2h3,h4e1 | 73. h2f3,b2b3 | 74. h3g2,b3b2 | 75. g2f1,e1g3 |
| 76. f3d4,d8d7 | 77. d4e2,g3h4 | 78. c4a4,h4e7 | 79. a4a7,d7e8 | 80. a7a6,b2b1 |
| 81. f1g2,b1b2 | 82. g2f3,b2b3 | 83. f3e4,b3b4 | 84. e4d3,b4b3 | 85. d3c2,b3e3 |
| 86. c2d2,e3a3 | 87. a6e6,e8d8 | 88. e6h6,e7b4 | 89. d2c2,a3e3 | 90. e2d4,e3c3 |
| 91. c2b2,c3c4 | 92. d4c6,d8d7 | 93. b2b3,c4c6 | 94. h6c6,d7c6 | 95. b3b4,c6d7 |
| 96. f4f5,d7e7 | 97. e5e6,e7f6 | 98. g4g5,f6e7 | 99. g5g6,h7g6 | 100. h5g6,e7f6 |
| 101. b4b5,f6f5 | 102. e6e7,f5g6 | 103. e7e8,g6f5 | 104. e8e3,f5g4 | 105. e3e4,g4g5 |
| 106. e4f3,g5h6 | 107. f3g4,h6h7 | 108. g4g5,h7h8 | 109. b5c5,h8h7 | 110. c5d5,h7h8 |
| 111. d5e5,h8h7 | 112. e5f6,h7h8 | 113. g5g7 1-0 | | |

Match Game Mach3_vs_GNU

| | | | | |
|---------------|---------------|-------------------|---------------|---------------|
| 1 . d2d4,g8f6 | 2 . c2c4,g7g6 | 3 . g2g3,f8g7 | 4 . f1g2,e8g8 | 5 . b1c3,d7d6 |
| 6 . e2e3,b8d7 | 7 . g1e2,c7c5 | 8 . e1g1,d7b6 | 9 . b2b3,d8c7 | 10. c3b5,c7d7 |
| 11. c1b2,a7a6 | 12. b5c3,c5d4 | 13. d1d4,d7c7 | 14. e2f4,f6h5 | 15. f4d5,b6d5 |
| 16. d4d5,h5f6 | 17. d5d3,c8f5 | 18. e3e4,f5d7 | 19. a1e1,f8e8 | 20. b2a1,f6g4 |
| 21. c3d5,c7a5 | 22. a1g7,g8g7 | 23. d3d4,e7e5 | 24. d4b6,a5b6 | 25. d5b6,a8d8 |
| 26. b6d7,d8d7 | 27. g2h3,f7f5 | 28. f2f3,g4h6 | 29. e1d1,d7d8 | 30. d1d3,f5e4 |
| 31. f3e4,h6f7 | 32. h3g2,f7g5 | 33. h2h4,g5e6 | 34. g1h2,e6d4 | 35. d3d2,e8f8 |
| 36. d2f2,b7b6 | 37. h2h3,f8f2 | 38. f1f2,d8d7 | 39. g2f1,d7f7 | 40. f2f7,g7f7 |
| 41. f1d3,f7e6 | 42. h3g4,h7h6 | 43. h4h5,g6g5 | 44. d3b1,e6d7 | 45. g4h3,d7c6 |
| 46. b3b4,a6a5 | 47. b4a5,b6a5 | 48. b1d3,c6c5 | 49. a2a3,d4b3 | 50. h3g4,c5d4 |
| 51. d3c2,b3d2 | 52. g4f5,d2c4 | 53. f5g6,c4a3 | 54. c2a4,d4e4 | 55. a4c6,e4d3 |
| 56. g6h6,e5e4 | 57. h6g5,e4e3 | 58. c6f3,e3e2 | 59. f3e2,d3e2 | 60. h5h6,a3c4 |
| 61. h6h7,c4e5 | 62. g5f6,e2f3 | 63. h7h8,f3g3 1-0 | | |

Match Game GNU_vs_Mach3

| | | | | |
|---------------|---------------|---------------|---------------|---------------|
| 1 . d2d4,e7e6 | 2 . e2e4,d7d5 | 3 . b1d2,c7c5 | 4 . g1f3,b8c6 | 5 . f1b5,c5d4 |
| 6 . f3d4,c8d7 | 7 . b5c6,b7c6 | 8 . e1g1,a8b8 | 9 . e4d5,c6d5 | 10. f1e1,g8f6 |
| 11. d2b3,d8c7 | 12. h2h3,f8d6 | 13. d4f5,d6h2 | 14. g1h1,f6e4 | 15. e1e4,d5e4 |
| 16. f5g7,e8e7 | 17. g2g3,h2g3 | 18. f2g3,c7g3 | 19. d1g4,g3g4 | 20. h3g4,h8g8 |
| 21. c1h6,e4e3 | 22. a1e1,b8b4 | 23. g4g5,d7c6 | 24. h1h2,b4h4 | 25. h2g3,h4e4 |
| 26. g7h5,g8d8 | 27. h5f6,e4c4 | 28. b3a5,c4c2 | 29. a5c6,c2c6 | 30. e1e3,c6a6 |
| 31. e3c3,e7d6 | 32. a2a3,a6c6 | 33. c3d3,d6c7 | 34. d3d8,c7d8 | 35. f6h7,a7a5 |
| 36. h6g7,a5a4 | 37. g3f4,c6c2 | 38. g7c3,d8e7 | 39. h7f6,c2f2 | 40. f4e3,f2h2 |
| 41. f6e4,h2h3 | 42. e3f4,h3h4 | 43. f4f3,e7f8 | 44. e4c5,f8g8 | 45. f3g3,h4c4 |
| 46. c3b4,c4d4 | 47. c5a4,g8h7 | 48. a4b6,h7g6 | 49. b4c3,d4d1 | 50. c3f6,g6h5 |
| 51. b6c4,d1a1 | 52. b2b4,a1h1 | 53. g3f3,h1h3 | 54. f3e4,h3b3 | 55. f6e7,b3c3 |
| 56. e4d4,c3f3 | 57. b4b5,f3f4 | 58. d4c5,f4f5 | 59. c5c6,f5f4 | 60. c4d6,f4f3 |
| 61. a3a4,f3a3 | 62. b5b6,a3c3 | 63. c6d7,c3b3 | 64. d6b5,b3b2 | 65. b6b7,b2a2 |
| 66. b7b8,a2a4 | 67. b8h2,a4h4 | 68. h2h4,h5h4 | 69. g5g6,h4h5 | 70. g6f7,e6e5 |

71. f7f8,h5g4 72. d7e6,e5e4 73. f8f5,g4g3 74. f5f1,e4e3 75. e6f5,e3e2
76. e7d6,g3h4 77. f1h1 1-0

Match Game Mach3_vs_GNU

1 . d2d4,g8f6 2 . c1g5,f6e4 3 . g5h4,g7g5 4 . f2f3,g5h4 5 . f3e4,c7c5
6 . e2e3,d8b6 7 . g1f3,b6b2 8 . b1d2,f8g7 9 . d2b3,h4h3 10. b3c5,h3g2
11. f1g2,b2c3 12. e1e2,h8g8 13. g2h3,b7b6 14. c5d3,c8a6 15. h1g1,b8c6
16. h3f5,e8f8 17. d1d2,c3d2 18. e2d2,d7d6 19. f5h7,g8h8 20. h7f5,e7e6
21. f5g4,c6a5 22. a1b1,a5c4 23. d2e2,g7h6 24. d3b4,a6b7 25. e2d3,c4e3
26. d4d5,e6d5 27. e4d5,f7f5 28. g4h5,e3d5 29. b4d5,b7d5 30. f3h4,d5e4
31. d3e2,h8h7 32. b1f1,h6e3 33. h5g6,h7h4 34. e2e3,f8e7 35. g6f5,e4f5
36. f1f5,h4h2 37. e3d3,e7e6 38. g1f1,a7a6 39. a2a4,h2h3 40. d3d4,h3h4
41. f1f4,h4f4 42. f5f4,a8c8 43. c2c4,c8c5 44. f4f3,d6d5 45. c4d5,c5d5
46. d4c4,d5c5 47. c4b3,c5e5 48. f3d3,e5e4 49. d3d8,e4e3 50. b3b4,a6a5
51. b4b5,e3b3 52. b5c6,b3b4 53. d8d6,e6e7 54. d6d7,e7f6 55. d7d2,f6f5
56. d2d5,f5e4 57. d5b5,b4a4 58. c6b6,e4d4 59. b5a5,a4c4 draw

Match Game GNU_vs_Mach3

1 . e2e4,c7c5 2 . g1f3,d7d6 3 . d2d4,c5d4 4 . f3d4,g8f6 5 . b1c3,a7a6
6 . f1c4,g7g6 7 . c1g5,f8g7 8 . e1g1,e8g8 9 . a1c1,d8b6 10. c4b3,b8c6
11. d4c6,b7c6 12. d1d2,c8b7 13. c1e1,c6c5 14. e4e5,d6e5 15. d2e3,h7h6
16. g5h4,b6b4 17. h4g3,f6g4 18. e3e2,a8d8 19. a2a3,b4b6 20. e2g4,d8d4
21. g4e2,c5c4 22. b3c4,b6c6 23. c4f7,f8f7 24. f2f3,c6b6 25. e2e3,e5e4
26. c3e4,b7e4 27. f3e4,f7f1 28. g1f1,b6b2 29. e3b3,b2b3 30. c2b3,d4d3
31. e1b1,d3e3 32. g3f2,e3e4 33. b1c1,e4f4 34. f1e2,g8f7 35. c1c6,f4f6
36. c6c4,f6e6 37. f2e3,g6g5 38. e2d3,e6d6 39. d3e4,g7b2 40. a3a4,d6e6
41. e4f3,b2e5 42. h2h4,g5h4 43. c4h4,e5g7 44. g2g4,e6f6 45. f3e4,f6g6
46. b3b4,g6e6 47. e4d3,e6d6 48. d3c4,d6c6 49. c4d5,c6e6 50. e3c1,e6d6
51. d5c5,g7d4 52. c5c4,d4f6 53. h4h5,d6d4 54. c4b3,d4g4 55. h5h6,g4g3
56. b3a2,g3g1 57. c1a3,g1g2 58. a2b1,e7e5 59. b4b5,a6b5 60. a4b5,e5e4
61. b5b6,e4e3 62. b6b7,e3e2 63. a3b4,f6e5 64. h6h5,e5d6 65. h5h7,f7g6
66. h7h1,g2f2 67. h1c1,f2f1 68. b4d2,f1f7 69. c1g1,g6f6 70. g1g2,f7b7
71. b1c2,b7e7 72. d2e1,d6f4 73. g2f2,f6f5 74. c2d3,e7e3 75. d3d2,e3h3
76. d2e2,f5e4 77. e1d2,f4e5 78. f2g2,e5d4 79. g2g4,e4d5 80. g4g5,d5c4
81. g5g4,h3h2 82. e2d1 draw

Match Game Mach3_vs_GNU

1 . g2g3,g8f6 2 . f1g2,d7d5 3 . g1f3,b8c6 4 . d2d4,e7e6 5 . e1g1,h7h6
6 . b1c3,f8b4 7 . c1f4,b4c3 8 . b2c3,f6e4 9 . d1d3,g7g5 10. f4c1,e8g8
11. c1a3,f8e8 12. f3e5,c6e5 13. d4e5,c7c5 14. g2e4,d5e4 15. d3e4,d8a5
16. a3b2,e8d8 17. f1b1,d8d2 18. a2a3,a5a6 19. c3c4,c8d7 20. b2c3,d7c6
21. e4e3,d2c2 22. e3d3,a6a4 23. b1b2,c2b2 24. c3b2,b7b6 25. f2f3,a7a6
26. e2e4,a8a7 27. d3d6,a7d7 28. d6b8,g8g7 29. a1f1,a4b3 30. f1f2,d7d1
31. g1g2,c6a4 32. b8c8,d1b1 33. b2c3,b3c3 34. c8d8,c3e5 35. d8a8,a6a5
36. a8d8,e5c3 37. e4e5,c3e5 38. d8d3,b1b3 39. d3d8,e5d4 40. f2d2,d4d8
41. d2d8,a4c6 42. d8d6,b3b2 43. g2g1,c6f3 44. a3a4,g5g4 45. g1f1,g7f6
46. f1e1,f6e5 47. d6d2,b2b4 48. d2a2,f7f5 49. a2a3,e5e4 50. e1d2,e6e5
51. h2h3,h6h5 52. h3g4,h5g4 53. a3e3,e4d4 54. e3a3,f3c6 55. a3d3,d4c4

| | | | | |
|---------------|-----------------|---------------|---------------|-------------------|
| 56. d3d6,c6a4 | 57. d6f6,b4b2 | 58. d2c1,b2c2 | 59. c1b1,c2c3 | 60. b1b2,c3b3 |
| 61. b2a2,a4d7 | 62. f6d6,d7c8 6 | 3. d6c6,c8b7 | 64. c6e6,e5e4 | 65. e6e7,b7d5 |
| 66. e7e5,b3f3 | 67. a2b2,e4e3 | 68. b2c2,d5e4 | 69. c2d1,f3g3 | 70. e5e4,f5e4 |
| 71. d1e2,g3f3 | 72. e2d1,f3f2 | 73. d1c1,g4g3 | 74. c1d1,g3g2 | 75. d1c1,g2g1 0-1 |
