

**berger-knuth**  
from a history of the domino the problem

michael winter

(schloss solitude, stuttgart and calle monclova 62, mexico city; 2018-19)

①

8/4      6/4      7/4      8/4      7/4

$\text{♩} = 60-90$

1a *mf* *mp* *mf* *mp* *p*

2a *mp* *mf* *p* *mp* *mf*

3a *mf*

1b *mf* *mp*

2b *mf* *mp* *mf*

3b *mp* *mf*

⑤

7/4      8/4      7/4      8/4

1a *mf* *p* *mf* *mp* *p*

2a *mp* *mf* *p* *mp* *mf*

3a *mf*

1b *mf* *mp* *p*

2b *p* *mf* *mp* *mf*

3b *mp* *p* *mf*

⑨

8/4      7/4

1a *mf* *p*

2a *mp* *mf*

3a *mp* *p*

1b *mf* *mp* *mf*

2b *mp* *mf* *p* *mp* *mf*

3b *p* *mf*



25  $\frac{6}{4}$   $\frac{7}{4}$

1a *mp* *mf*

2a *p* *mf* *p* *mp*

3a *mf*

1b *mf* *p*

2b *mf* *mp* *mf*

3b *p* *mf* *p*

29  $\frac{8}{4}$   $\frac{7}{4}$

1a *mp*

2a *p* *mf* *p* *mp*

3a *p* *mf*

1b *mf* *mp* *p*

2b *p* *mf* *mp* *mf*

3b *mf*

33  $\frac{7}{4}$   $\frac{8}{4}$   $\frac{6}{4}$

1a

2a *p* *mf* *p* *mp*

3a *p* *mf* *p* *mp*

1b *mf*

2b *mp* *mf* *p* *mp*

3b *p* *mf*

2

37  $\frac{6}{4}$   $\frac{7}{4}$   $\frac{8}{4}$   $\frac{7}{4}$   $\frac{6}{4}$   $\frac{7}{4}$

1a *mf* *mp*

2a *p* *mf* *p* *mp* *p*

3a *p* *mf* *p*

1b *mp*

2b *mf* *p*

3b *p* *mf*

42  $\frac{7}{4}$   $\frac{6}{4}$

1a *mf*

2a *mf*

3a *mf* *p*

1b *mf*

2b *mf* *p* *mp* *p*

3b *p* *mf*

46  $\frac{6}{4}$   $\frac{7}{4}$   $\frac{8}{4}$

1a *mp* *mf* *mp* *mf*

2a *mp* *mf* *mp* *mf*

3a *mf* *mf*

1b *mp* *mf*

2b *mf* *p* *mp*

3b *mf*

50  $\frac{8}{4}$   $\frac{6}{4}$

1a  $\frac{8}{4}$   $\frac{6}{4}$

2a *mp* *mf* *p* *mp* *mf*

3a *mf* *p*

1b *mf* *p* *mp* *mf* *mp*

2b *mf* *p* *mp* *mf* *mp*

3b *p* *mf*

54  $\frac{8}{4}$   $\frac{7}{4}$   $\frac{6}{4}$   $\frac{7}{4}$

1a *p* *mf*

2a *mp* *mf*

3a *mf* *p*

1b *p* *mf*

2b *mf* *p* *mp* *mf* *p*

3b *mp*

59  $\frac{6}{4}$   $\frac{8}{4}$   $\frac{7}{4}$   $\frac{8}{4}$

1a *p* *mp* *mf* *mp* *mf* *p*

2a *mf* *mp* *mf* *mp* *mf*

3a *mf*

1b *mf* *mp* *mf*

2b *mf* *mp* *mf*

3b *p* *mp* *p*

64  $\frac{8}{4}$   $\frac{6}{4}$   $\frac{7}{4}$

1a *mp* *p* *mf*

2a *mp* *mf* *mp* *mf* *p*

3a *p* *mf*

1b *mp* *p* *mf*

2b *mp* *mf* *p* *mp* *p*

3b *mf* *mp*

Detailed description: This system contains measures 64 and 65. It features six staves (1a, 2a, 3a, 1b, 2b, 3b) with various time signatures: 8/4, 6/4, and 7/4. The music includes triplets and five-note slurs. Dynamic markings include *mp*, *p*, and *mf*. A circled '3' is present in measure 65, 3b.

65  $\frac{8}{4}$   $\frac{7}{4}$   $\frac{6}{4}$

1a *mf* *p* *mf*

2a *mp* *mf* *mp* *mf* *p*

3a *p*

1b *mp*

2b *mf* *p* *mp* *p*

3b *mf* *mp* *p*

Detailed description: This system contains measures 66 and 67. It features six staves (1a, 2a, 3a, 1b, 2b, 3b) with time signatures 8/4, 7/4, and 6/4. The music includes five-note slurs and triplets. Dynamic markings include *mp*, *mf*, *p*, and *mf*.

66  $\frac{6}{4}$   $\frac{7}{4}$   $\frac{8}{4}$   $\frac{7}{4}$   $\frac{6}{4}$

1a *p* *mf*

2a *mp* *mf* *p* *mp* *p*

3a *p* *mp*

1b *mf*

2b *mp* *mf* *p*

3b *mf*

Detailed description: This system contains measures 68 and 69. It features six staves (1a, 2a, 3a, 1b, 2b, 3b) with time signatures 6/4, 7/4, 8/4, 7/4, and 6/4. The music includes five-note slurs and triplets. Dynamic markings include *mp*, *mf*, *p*, and *mf*.

76  $\frac{6}{4}$   $\frac{8}{4}$   $\frac{7}{4}$   $\frac{8}{4}$

1a *mp*

2a *mf* *p* *mp* *p*

3a *p* *mp* *p*

1b *p* *mf*

2b *mp* *mf* *mp* *mf* *p*

3b *p* *mf*

80  $\frac{8}{4}$   $\frac{7}{4}$   $\frac{8}{4}$   $\frac{7}{4}$

1a *p* *mf*

2a *mp* *p* *mp* *p*

3a *mf* *mp*

1b *mp* *p* *mp*

2b *mp* *mf* *p* *mf* *p*

3b *p* *mf*

84  $\frac{7}{4}$   $\frac{8}{4}$   $\frac{7}{4}$

1a *mp*

2a *mf* *p* *mp* *p*

3a *mf* *mp* *p*

1b *p* *mf* *mp*

2b *mp* *p* *mf* *p*

3b *p* *mf*

88

6/4      7/4      8/4      7/4

1a *mf* *mp*

2a *mp* *p* *mf* *p*

3a *mf*

1b *mf* *p* *mf*

2b *mp* *p* *mp* *p*

3b *p* *mf*

92

7/4      8/4      6/4      8/4

1a *mf* *mp*

2a *mp* *p* *mf* *p*

3a *p* *mf*

1b *mp*

2b *mf* *p* *mp* *p*

3b *p*

96

7/4      8/4      7/4

1a *mp* *mf*

2a *mp* *p* *mf* *p*

3a *p* *mf*

1b *mp*

2b *mp* *mf* *mp* *mf*

3b *mp* *mf*

100  $\frac{7}{4}$   $\frac{6}{4}$   $\frac{7}{4}$   $\frac{6}{4}$

1a *p* *mf* *mp*

2a *mp* *p* *mf* *p*

3a *p* *mf*

1b *mf*

2b *mp* *mf* *p* *mp* *p*

3b *p*

104  $\frac{6}{4}$   $\frac{7}{4}$   $\frac{8}{4}$

1a

2a *mp* *mf*

3a *p* *mp* *p* *mf*

1b *mp*

2b *mp* *p* *mf* *p*

3b *mf*

108  $\frac{6}{4}$   $\frac{8}{4}$   $\frac{6}{4}$

1a

2a

3a *p*

1b *mf* *mp*

2b *mp* *p* *mf* *p*

3b

112  $\frac{6}{4}$   $\frac{7}{4}$   $\frac{8}{4}$   $\frac{7}{4}$

1a  $p$

2a  $p$

3a  $mf$

1b  $mf$   $mp$   $mf$

2b  $mp$   $mf$   $p$

3b  $mf$

116  $\frac{8}{4}$   $\frac{7}{4}$

1a  $mf$

2a  $mf$   $p$   $mf$

3a  $p$

1b  $p$   $mf$

2b  $mp$   $mf$   $mp$   $mf$   $p$   $mp$   $mf$

3b  $p$   $mf$

121  $\frac{8}{4}$   $\frac{7}{4}$   $\frac{8}{4}$

1a  $mp$   $mf$

2a  $mp$   $mf$   $p$   $mp$   $mf$   $mp$

3a  $mf$

1b  $mp$   $mf$

2b  $mp$   $mf$   $mp$   $mf$

3b  $mp$

126

8/4      7/4      6/4      8/4

1a *p* *mf* *mp* *p* *mf* *mp*

2a *mf* *p* *mp* *mf* *mp* *mf*

3a *p* *mf* *mp*

1b *mp* *p* *mf*

2b *mp* *mf* *mp* *mf* *mp*

3b *p* *mf* *mp*

131

7/4      8/4      7/4

1a *mf* *p* *mf*

2a *p* *mp* *mf* *mp* *mf* *p*

3a *p* *mf*

1b *p* *mf*

2b *mf* *p* *mf*

3b *p* *mp* *p*

136

7/4      8/4      6/4      7/4

1a *mf* *p*

2a *mp* *mf* *mp* *mf*

3a *mp* *p*

1b *mf* *mp* *mf*

2b *mp* *mf* *mp* *mf* *p* *mp* *mf*

3b *mf* *p* *mf* *p*

141  $\frac{7}{4}$   $\frac{6}{4}$   $\frac{7}{4}$

1a *mf*

2a *p* *mf* *mp* *mf*

3a *mp* *p* *mp*

1b *mf*

2b *mp* *mf* *p* *mp* *mf* *p*

3b *mf* *p* *mp* *p*

146  $\frac{7}{4}$   $\frac{8}{4}$   $\frac{7}{4}$

1a *mf*

2a *mp* *mf* *p* *mf*

3a *mp* *p*

1b *mp* *mf*

2b *mf* *p* *mp* *p* *mf*

3b *mf* *p*

151  $\frac{8}{4}$   $\frac{7}{4}$

1a *mf*

2a *mp* *mf* *p* *mf*

3a *mp* *p*

1b *mp* *mf*

2b *p* *mp* *mf* *mp*

3b *mf* *p* *mf*

155

8/4 6/4 7/4

1a *mp* *mf*

2a *p* *mp* *p* *mf*

3a *mf* *p*

1b *p* *mf*

2b *mf* *p* *mf*

3b *p*

159

7/4 8/4

1a *mp*

2a *p* *mp* *p* *mf*

3a *mf* *p*

1b *mp* *p* *mf*

2b *mp* *mf* *p* *mp*

3b *mf* *p* *mf*

163

8/4 7/4

1a *mf*

2a *p* *mp* *p* *mf*

3a *mf* *p*

1b *mf*

2b *p* *mf*

3b *p*

167

6/4 7/4 8/4 7/4

1a *mp* *p* *mf*

2a *p* *mp* *p* *mf*

3a *mf* *p* *mf*

1b *mf* *p* *mf*

2b *p* *mf* *p* *mf*

3b *mf* *p*

171

7/4 8/4 6/4 8/4

1a *mp* *p* *mp*

2a *p* *mp* *p* *mp*

3a *p*

1b *mp* *mf*

2b *p* *mp* *p* *mf*

3b *mf*

175

7/4 6/4

1a *mf* *p*

2a *p* *mp* *p* *mp*

3a *mf*

1b *mp* *mf*

2b *p* *mp* *mf*

3b *mf* *p*

179  $\frac{6}{4}$   $\frac{7}{4}$   $\frac{6}{4}$   $\frac{8}{4}$   $\frac{7}{4}$

1a *mf*

2a *p* *mf* *p*

3a *p*

1b *mp* *p* *mf* *p* *mf*

2b *p* *mp* *mf* *mp* *mf* *p*

3b *mf*

184  $\frac{7}{4}$   $\frac{8}{4}$   $\frac{7}{4}$

1a *mf* *mp* *mf* *p*

2a *mf* *mp* *mf* *p*

3a *mf* *p* *mf*

1b *mp* *mf* *p* *mf* *p*

2b *mp* *mf* *p* *mf* *p*

3b *mp*

188  $\frac{8}{4}$

1a *mp* *mf* *mp* *mf* *p*

2a *mp* *mf* *mp* *mf* *p*

3a *mp* *p* *mf*

1b *mp* *p* *mp* *p*

2b *mp* *p* *mp* *p*

3b *p* *mp* *p*