

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

michael winter

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

8/4 = 60-90 6/4 7/4 8/4 7/4 8/4

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

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

3a *mf*

1b *mf* *mp*

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

3b *mp* *mf* *mp*

①

⑥ 8/4 7/4 8/4 7/4

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

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

3a *mp*

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

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

3b *p* *mf* *p*

⑪ 8/4 7/4

1a *p* *mf*

2a *mf* *p* *mf*

3a *p* *mp* *p*

1b *mf* *p* *mf*

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

3b *mf* *p* *mf*

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

1a  $mp$   $p$   $mf$   $mp$

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

3a  $mf$   $mp$   $mf$

1b  $mp$   $p$   $mp$

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

3b  $p$   $mf$   $p$   $mp$

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

1a  $mf$

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

3a  $mp$   $p$

1b  $mf$   $mp$   $mf$

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

3b  $p$   $mf$   $p$

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

1a  $mp$   $mf$

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

3a  $mf$   $p$

1b  $p$   $mf$

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

3b  $mf$   $p$

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

1a *mp*

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

3a *mf* *p* *mf*

1b *mp* *p* *mf*

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

3b *mf* *p* *mf*

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

1a *mp* *mf* *mp*

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

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

1b *mp* *mf*

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

3b *p* *mf*

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

1a *mf*

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

3a *p* *mf* *p*

1b *mf*

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

3b *p* *mf*

45

6/4 7/4 8/4

1a

2a

3a

1b

2b

3b

*mp* *mf* *mp* *mf* *mp* *mf* *p* *mf* *p* *mp*

50

8/4 6/4 8/4

1a

2a

3a

1b

2b

3b

*mp* *mf* *p* *mp* *mf* *mp* *mf* *p* *mf* *p* *mf* *mp* *mf* *mp* *mf* *p* *mf*

55

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

1a

2a

3a

1b

2b

3b

*p* *mf* *mp* *mf* *p* *mf* *p* *mf* *p* *mf* *mp* *p* *mf* *mp* *p* *mf*

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

1a  $\text{mf}$   $\text{p}$   $\text{mf}$   $\text{mp}$   $\text{p}$

2a  $\text{mp}$   $\text{mf}$   $\text{mp}$   $\text{mf}$   $\text{p}$   $\text{mp}$   $\text{mf}$

3a  $\text{p}$   $\text{mp}$   $\text{p}$   $\text{mf}$   $\text{p}$

1b  $\text{mp}$   $\text{p}$   $\text{mf}$   $\text{p}$

2b  $\text{mf}$   $\text{mp}$   $\text{mf}$   $\text{mp}$   $\text{mf}$

3b  $\text{p}$   $\text{mp}$   $\text{p}$   $\text{mf}$   $\text{p}$

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

1a  $\text{mf}$   $\text{p}$   $\text{mf}$   $\text{p}$

2a  $\text{mp}$   $\text{mf}$   $\text{p}$   $\text{mp}$   $\text{mf}$

3a  $\text{p}$   $\text{mf}$   $\text{p}$

1b  $\text{p}$   $\text{mf}$   $\text{p}$

2b  $\text{p}$   $\text{mp}$   $\text{p}$   $\text{mf}$

3b  $\text{mp}$   $\text{p}$   $\text{mf}$

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

1a  $\text{p}$   $\text{mf}$   $\text{p}$

2a  $\text{mp}$   $\text{mf}$   $\text{p}$   $\text{mp}$   $\text{mf}$

3a  $\text{p}$   $\text{p}$   $\text{p}$   $\text{p}$

1b  $\text{mp}$   $\text{p}$

2b  $\text{p}$   $\text{mp}$   $\text{p}$   $\text{mp}$

3b  $\text{mp}$   $\text{p}$

[illegible]

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

1a  $mp$

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

3a  $mp$   $p$   $mf$

1b  $p$   $mf$   $mp$   $p$

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

3b  $p$   $mf$

The musical score for 'The Rose Tree' is presented in a system of six staves, grouped into three pairs. The first pair (1a, 2a, 3a) represents the vocal parts, and the second pair (1b, 2b, 3b) represents the piano accompaniment. The key signature is one sharp (F#), and the time signature is 4/4. The score includes various musical notations such as notes, rests, and dynamic markings (p, mp, mf). Fingerings are indicated by numbers 1-5. The piece concludes with a final cadence in the piano part.

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

1a  $mp$   $mf$

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

3a  $mp$   $p$

1b  $mf$   $mp$   $mf$

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

3b  $p$   $mf$

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

1a  $mp$

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

3a  $mf$

1b  $p$   $mf$

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

3b  $p$   $mf$   $p$

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

1a  $mf$   $mp$

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

3a  $p$   $mf$

1b  $mp$

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

3b  $p$

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

1a  $p$

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

3a  $p$   $mf$

1b  $mf$

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

3b  $mf$

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

1a  $mf$   $mp$

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

3a  $p$   $mf$   $p$   $mp$   $p$

1b

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

3b  $p$   $mf$

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

1a

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

3a  $mf$   $p$

1b  $mp$   $mf$

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

3b



(115)

120

-9-

130

134

-10-

144

149

(153)

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

1a *mp* *mf*

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

3a *mf*

1b *mf* *p*

2b *mf* *mp* *mf*

3b *p* *mf* *p*

(157)

6/4 7/4

1a *mp*

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

3a *p* *mf* *p*

1b *mf* *mp* *p*

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

3b *mf* *p*

(162)

8/4 7/4

1a *mf*

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

3a *mf* *p*

1b *mf*

2b *mp* *p* *mf*

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

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

3b *mf* *mf* *p*

171

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

1a *mp* *p* *mp*

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

3a *p* *p* *mf*

1b *mp* *mf* *mf*

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

3b *mf* *mf* *p*

175

7/4 6/4

1a *mf* *p*

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

3a *mf* *mf*

1b *mp* *mf* *mf*

2b *p* *mp* *mf*

3b *mf* *p*

184

188

-14-