

# berger-knuth

from a history of the domino the problem

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

violin (1a)

clarinet (2a)

cello (3a)

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

$\text{♩} = 60 - 90$

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

1 3 5

④ 8/4 7/4 8/4 7/4

vn

cl

vc

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

3 3 3

⑧ 8/4 7/4

vn

cl

vc

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

3 3 5

⑫ 8/4 7/4

vn

cl

vc

*p* *mf* *p* *mf* *p*

3 5 5 5

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

vn  $mp$   $p$   $mf$

cl  $mp$   $mf$   $mp$   $mf$

vc  $mf$   $mp$

②0  $\frac{7}{4}$   $\frac{8}{4}$

vn  $mp$   $mf$

cl  $mp$   $p$   $mf$

vc  $mf$   $mp$   $p$

②4  $\frac{6}{4}$   $\frac{7}{4}$

vn  $mp$

cl  $mp$   $mf$   $p$   $mf$   $p$

vc  $mf$

②8  $\frac{8}{4}$

vn  $mf$   $mp$

cl  $mp$   $p$   $mf$   $p$

vc  $p$   $mf$

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

vn  
cl  
vc

*mp*  
*p*  
*mf*

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

vn  
cl  
vc

*mp*  
*p*  
*mf*

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

vn  
cl  
vc

*mp*  
*p*  
*mf*

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

vn  
cl  
vc

*mf*  
*mp*  
*mf*

④⑧ 8/4 6/4

vn  
cl *mp* *mf* *mp* *mf* *p*  
vc *mf*

⑤② 6/4 8/4 7/4 6/4

vn  
cl *mp* *mf*  
vc *p*

⑤⑦ 6/4 7/4 6/4 8/4

vn *mf*  
cl *mp* *mf* *p* *mp* *mf*  
vc *mf* *p* *mf*

⑥① 8/4 7/4 8/4 6/4

vn *p* *mf* *mp* *p*  
cl *mp* *mf* *p* *mp* *mf*  
vc *p*

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

vn *mf*

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

vc *p* *mf*

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

vn *p* *mf*

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

vc *p* *mp*

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

vn *p* *mf*

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

vc *p*

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

vn *mp*

cl *p* *mp* *p* *mp*

vc *mp* *p* *mf*

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

vn Musical score for Violoncello (vn) in 6/4, 7/4, 6/4, and 7/4 time signatures. The staff shows a melodic line with dynamics *mf* and *mp*.

cl Musical score for Clarinet (cl) in 6/4, 7/4, 6/4, and 7/4 time signatures. The staff shows a melodic line with dynamics *p*, *mf*, and *mp*.

vc Musical score for Violoncello (vc) in 6/4, 7/4, 6/4, and 7/4 time signatures. The staff shows a melodic line with dynamics *p*, *mf*, and *mp*.

105

7/4 8/4 6/4

vn

cl

vc

*mf*

*p*

*mf*

*p*

110

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

vn

cl

vc

3 p

3 p

5

5

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

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

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

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

*mf* *p*

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

*mf* *mp*



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

vn  $mf$   $mp$

cl  $mf$   $p$   $mp$   $mf$   $mp$

vc  $p$   $mf$

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

vn  $p$   $mf$

cl  $mf$   $p$   $mp$   $mf$

vc  $mp$

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

vn  $p$

cl  $mp$   $mf$   $p$

vc  $p$   $mp$

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

vn  $mf$

cl  $mf$   $mp$   $mf$

vc  $p$   $mp$

150

154

158

-10-

162

8/4 7/4

vn

cl

vc

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

*mf* *p*

166

6/4 7/4 8/4

vn

cl

vc

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

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

*mf* *p*

170

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

vn

cl

vc

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

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

*mf* *p*

174

8/4 7/4

vn

cl

vc

*mp* *p* *mf*

*mp* *p* *mp*

*mp* *p*

181

184

188

-12-