

# ammann

from a history of the domino the problem

michael winter

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

2/4 3/8 5/8 3/4 2/4 3/8

♩ ≈ 60

4 3 2 1

11 3/8 5/8 3/4 2/4 3/8 5/8 4/4 3/8 3/8

21 3/8 7/4 2/4 1/4 2/4 1/4 5/8 7/8 1/4

30 1/4 3/4 2/4 3/4 5/8 3/8 2/4 3/8

2

(ammann)

39  $\frac{3}{8}$   $\frac{2}{4}$   $\frac{1}{4}$   $\frac{3}{4}$   $\frac{3}{8}$   $\frac{2}{4}$   $\frac{5}{8}$   $\frac{7}{8}$

4  $mf$   $p$   $mf$   $p$   $mf$   $p$

3  $p$   $mf$   $p$   $mf$   $p$

2  $mf$   $p$   $mf$

1  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$

48  $\frac{7}{8}$   $\frac{2}{4}$   $\frac{4}{4}$   $\frac{3}{4}$   $\frac{3}{8}$   $\frac{2}{4}$   $\frac{4}{4}$   $\frac{1}{4}$   $\frac{3}{8}$

4  $mf$   $p$   $mf$   $p$

3  $mf$   $p$   $mf$

2  $p$   $mf$   $p$   $mf$   $p$   $mf$

1  $mf$   $p$   $mf$   $p$   $mf$   $p$

57  $\frac{3}{8}$   $\frac{2}{4}$   $\frac{3}{4}$   $\frac{3}{8}$   $\frac{1}{4}$   $\frac{3}{8}$   $\frac{2}{4}$   $\frac{5}{8}$   $\frac{3}{8}$   $\frac{2}{4}$

4  $mf$   $p$   $mf$   $p$   $mf$   $p$

3  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$

2  $p$   $mf$   $p$   $mf$

1  $mf$   $p$   $mf$   $p$

66  $\frac{2}{4}$   $\frac{1}{4}$   $\frac{2}{4}$   $\frac{13}{8}$   $\frac{3}{8}$   $\frac{5}{8}$   $\frac{1}{4}$   $\frac{3}{8}$   $\frac{2}{4}$

4  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$

3  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$

2  $p$   $mf$   $p$   $mf$   $p$   $mf$

1  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$

(ammann)

75  $\frac{2}{4}$   $\frac{3}{4}$   $\frac{2}{4}$   $\frac{3}{4}$   $\frac{1}{4}$   $\frac{3}{8}$   $\frac{5}{8}$   $\frac{3}{8}$

4  $\text{mf}$   $p$   $\text{mf}$   $p$   $\text{mf}$   $p$   $\text{mf}$   $p$

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

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

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

84  $\frac{3}{8}$   $\frac{3}{4}$   $\frac{4}{4}$   $\frac{7}{8}$   $\frac{3}{8}$   $\frac{2}{4}$   $\frac{5}{8}$

4  $\text{mf}$   $p$   $\text{mf}$   $p$   $\text{mf}$   $p$   $\text{mf}$

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

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

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

92  $\frac{2}{4}$   $\frac{5}{8}$   $\frac{3}{8}$   $\frac{1}{4}$   $\frac{2}{4}$   $\frac{1}{4}$   $\frac{3}{4}$   $\frac{2}{4}$

4  $p$   $\text{mf}$   $p$   $\text{mf}$   $p$   $\text{mf}$   $p$   $\text{mf}$

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

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

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

102  $\frac{2}{4}$   $\frac{3}{8}$   $\frac{3}{4}$   $\frac{2}{4}$   $\frac{1}{4}$   $\frac{2}{4}$   $\frac{11}{4}$   $\frac{3}{8}$   $\frac{1}{4}$

4  $\text{mf}$   $p$   $\text{mf}$   $p$   $\text{mf}$   $p$   $\text{mf}$   $p$   $\text{mf}$

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

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

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

(ammann)

111

4/4 3/8 5/8 2/4 3/8 7/8 1/4 3/8 5/8 3/8

Staff 4:  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$

Staff 3:  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$

Staff 2:  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$

Staff 1:  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$

122

4/4 5/8 2/4 1/4 2/4 8/4 2/4

Staff 4:  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$

Staff 3:  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$

Staff 2:  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$

Staff 1:  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$

131

2/4 3/8 7/8 2/4 1/4 5/8 3/4 2/4 3/4

Staff 4:  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$

Staff 3:  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$

Staff 2:  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$

Staff 1:  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$

141

3/4 5/8 3/8 1/4 3/4 3/8 2/4 3/4 5/8 2/4

Staff 4:  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$

Staff 3:  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$

Staff 2:  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$

Staff 1:  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$ ,  $mf$ ,  $p$

(ammann)

151

2/4 3/4 1/4 5/8 4/4 5/8 2/4 3/8 2/4

4 *mf* *p* *mf* *p* *mf*

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

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

1 *p* *mf* *p* *mf* *p* *mf* *p* *mf*

161

2/4 3/8 3/4 1/4 5/8 3/4

4 *mf* *p* *mf* *p* *mf* *p* *mf*

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

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

1 *mf* *p* *mf* *p* *mf* *p* *mf* *p*

6

171

3/4 7/8 2/4 7/8 3/8 2/4 3/8

4 *mf* *p* *mf* *p* *mf* *p* *mf*

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

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

1 *mf* *p* *mf* *p* *mf* *p* *mf*

179

3/8 3/4 7/8 1/4 3/4 2/4 3/8 2/4 3/8

4 *mf* *p* *mf* *p* *mf* *p* *mf* *p* *mf*

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

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

1 *p* *mf* *p* *mf* *p* *mf* *p* *mf* *p*

(ammann)

188

4

3

2

1

7

197

4

3

2

1

206

4

3

2

1

213

4

3

2

1

(ammann)

225  $\frac{2}{4}$   $\frac{5}{8}$   $\frac{3}{4}$   $\frac{4}{4}$   $\frac{1}{4}$   $\frac{3}{8}$   $\frac{1}{4}$   $\frac{7}{8}$   $\frac{5}{8}$

4  $mf$   $p$   $mf$   $p$

3  $mf$   $p$   $mf$   $p$   $mf$

2  $mf$   $p$

1  $p$   $mf$   $p$   $mf$   $p$

234  $\frac{5}{8}$   $\frac{1}{4}$   $\frac{2}{4}$   $\frac{3}{8}$   $\frac{7}{4}$   $\frac{1}{4}$   $\frac{3}{8}$   $\frac{9}{4}$   $\frac{3}{4}$

4  $mf$   $p$   $mf$   $p$   $mf$

3  $p$

2  $mf$   $p$   $mf$   $p$

1  $mf$   $p$

242  $\frac{3}{4}$   $\frac{3}{8}$   $\frac{2}{4}$   $\frac{3}{8}$   $\frac{1}{4}$   $\frac{3}{4}$   $\frac{1}{4}$   $\frac{3}{8}$   $\frac{4}{4}$

4  $p$   $mf$   $p$   $mf$   $p$   $mf$

3  $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$

2  $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$

1  $mf$   $p$   $mf$   $p$   $mf$   $p$

253  $\frac{4}{4}$   $\frac{5}{8}$   $\frac{2}{4}$   $\frac{1}{4}$   $\frac{5}{8}$   $\frac{3}{4}$   $\frac{2}{4}$   $\frac{3}{8}$   $\frac{1}{4}$   $\frac{2}{4}$

4  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$

3  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$

2  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$

1  $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$

(ammann)

263

4

3

2

1

2/4 3/8 5/8 2/4 3/8 5/8 3/4 5/8 1/4

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

272

4

3

2

1

1/4 3/4 3/8 5/8 3/8 3/4 2/4

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

282

4

3

2

1

5/8 2/4 3/8 5/8 3/8 3/4 4/4 1/4

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

290

4

3

2

1

1/4 3/8 5/8 3/4 5/8 3/8 3/4 5/8 2/4

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



(ammann)

299  $\frac{2}{4}$   $\frac{5}{8}$   $\frac{2}{4}$   $\frac{5}{8}$   $\frac{1}{4}$   $\frac{2}{4}$   $\frac{5}{8}$   $\frac{1}{4}$   $\frac{3}{8}$   $\frac{4}{4}$

309  $\frac{4}{4}$   $\frac{3}{8}$   $\frac{5}{8}$   $\frac{2}{4}$   $\frac{5}{8}$   $\frac{3}{8}$

318  $\frac{3}{8}$   $\frac{5}{8}$   $\frac{7}{8}$   $\frac{2}{4}$   $\frac{3}{4}$   $\frac{2}{4}$   $\frac{1}{4}$   $\frac{3}{8}$   $\frac{5}{8}$   $\frac{7}{8}$

327  $\frac{7}{8}$   $\frac{5}{8}$   $\frac{3}{8}$   $\frac{2}{4}$   $\frac{4}{4}$   $\frac{3}{8}$   $\frac{1}{4}$   $\frac{7}{8}$

The musical score consists of four staves, numbered 4, 3, 2, and 1 from top to bottom. The time signatures change frequently throughout the piece, as indicated by the sequence of fractions above the staves. The dynamics are marked with *mf* (mezzo-forte) and *p* (piano). The score includes various musical notations such as eighth notes, sixteenth notes, and rests, along with fingerings (e.g., 3, 5) and slurs. A rehearsal mark '11' is present at the bottom of staff 1 in the third system.

(ammann)

336

7/8 2/4 3/8 1/4 4/4 1/4 5/8 1/4 3/8 2/4 3/8

4

3

2

1

346

3/8 1/4 5/8 3/8 3/8 3/4 1/4 3/8 5/8 1/4 2/4

4

3

2

1

356

2/4 5/8 3/8 7/8 1/4 2/4 5/8 2/4 3/8

4

3

2

1

365

3/8 2/4 5/8 3/8 3/4 5/8 1/4 13/8 1/4

4

3

2

1

12

(ammann)

(ammann)

1 4 4 3 5 1 2 5 2 3 3 2

4 *p* *mf* *p* *mf* *p* *mf* *p* *mf*

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

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

1 *p* *mf* *p* *mf* *p* *mf* *p* *mf*

13

[illegible]

395

1/4 2/4 5 1/4 3 4/4 1/4 3/8

4

3

2

1

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

406

3/8 4/4 1/4 5/8 2/4 1/4 2/4 1/4 5/8 3/4

4

5 *p* *mf* 5 *p* *mf* 5 *p*

3

*mf* 5 *p* *mf* 3 5 *p* 3 *mf* 3

2

5 *p* *mf* 5 *p*

1

5 *p* *mf* 5 *p* *mf* 5 *p*

[illegible]

(ammann)

453  $\frac{3}{8}$   $\frac{3}{8}$   $\frac{4}{4}$   $\frac{8}{4}$   $\frac{1}{4}$   $\frac{3}{8}$   $\frac{1}{4}$   $\frac{3}{8}$

4  $p$   $mf$   $p$   $mf$   $p$

3  $mf$   $p$   $mf$   $p$   $mf$   $p$

2  $p$   $mf$   $p$   $mf$   $p$   $mf$

1  $p$   $mf$   $p$

461  $\frac{3}{8}$   $\frac{2}{4}$   $\frac{3}{8}$   $\frac{2}{4}$   $\frac{3}{8}$   $\frac{2}{4}$

4  $mf$   $p$   $mf$   $p$   $mf$   $p$

3  $p$   $mf$   $p$   $mf$   $p$   $mf$

2  $p$   $mf$   $p$   $mf$   $p$   $mf$

1  $mf$   $p$   $mf$   $p$   $mf$   $p$

470  $\frac{2}{4}$   $\frac{3}{8}$   $\frac{3}{8}$   $\frac{2}{4}$   $\frac{3}{8}$   $\frac{2}{4}$   $\frac{3}{8}$   $\frac{3}{8}$

4  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$

3  $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$

2  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$

1  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$

479  $\frac{5}{8}$   $\frac{1}{4}$   $\frac{3}{8}$   $\frac{2}{4}$   $\frac{1}{4}$   $\frac{5}{8}$   $\frac{3}{8}$   $\frac{2}{4}$   $\frac{3}{8}$

4  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$

3  $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$

2  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$

1  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$

16

(ammann)

489

3/4 2/4 4/4 2/4 7/8 1/4 3/4 5/8 2/4

4 3 2 1

498

2/4 5/8 1/4 11/8 5/8 2/4 3/8 3/4 7/8

4 3 2 1

507

7/8 5/8 3/8 2/4 1/4 2/4 7/8 5/8 3/8 1/4

4 3 2 1

17

516

1/4 5/8 1/4 2/4 3/8 7/8 5/8 2/4

4 3 2 1

(ammann)

[illegible]

536

1 4 4 5 2 5 1 2 5 2 1

4

3

2

1

18

[illegible]

(ammann)

566  $\frac{3}{8}$   $\frac{3}{4}$   $\frac{2}{4}$   $\frac{3}{8}$   $\frac{1}{4}$   $\frac{7}{8}$   $\frac{2}{4}$   $\frac{1}{4}$   $\frac{3}{8}$   $\frac{5}{8}$

4  $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$

3  $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$

2  $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$

1  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$

576  $\frac{5}{8}$   $\frac{3}{8}$   $\frac{5}{8}$   $\frac{3}{8}$   $\frac{2}{4}$   $\frac{1}{4}$   $\frac{2}{4}$

4  $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$

3  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$

2  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$

1  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$

19

585  $\frac{2}{4}$   $\frac{5}{8}$   $\frac{7}{8}$   $\frac{3}{4}$   $\frac{2}{4}$   $\frac{3}{8}$   $\frac{2}{4}$

4  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$

3  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$

2  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$

1  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$

594  $\frac{2}{4}$   $\frac{1}{4}$   $\frac{3}{4}$   $\frac{2}{4}$   $\frac{5}{8}$   $\frac{1}{4}$   $\frac{3}{8}$   $\frac{5}{8}$   $\frac{7}{8}$

4  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$

3  $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$

2  $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$

1  $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$   $mf$   $p$



(ammann)

604  $\frac{7}{8}$   $\frac{2}{4}$   $\frac{3}{4}$   $\frac{7}{8}$   $\frac{3}{8}$   $\frac{5}{8}$   $\frac{1}{4}$   $\frac{4}{4}$   $\frac{5}{8}$

613  $\frac{5}{8}$   $\frac{15}{8}$   $\frac{1}{4}$   $\frac{2}{4}$   $\frac{3}{8}$   $\frac{2}{4}$   $\frac{3}{4}$   $\frac{5}{8}$   $\frac{1}{4}$

621  $\frac{1}{4}$   $\frac{2}{4}$   $\frac{5}{8}$   $\frac{2}{4}$   $\frac{4}{4}$   $\frac{1}{4}$   $\frac{2}{4}$   $\frac{3}{8}$   $\frac{5}{8}$   $\frac{1}{4}$   $\frac{2}{4}$

631  $\frac{2}{4}$   $\frac{5}{8}$   $\frac{3}{4}$   $\frac{1}{4}$   $\frac{2}{4}$   $\frac{3}{8}$   $\frac{3}{4}$   $\frac{3}{8}$   $\frac{2}{4}$

The musical score consists of four staves, numbered 4, 3, 2, and 1 from top to bottom. The time signatures change frequently throughout the piece, as indicated by the sequence of fractions above each system. The dynamics are marked with *p* (piano) and *mf* (mezzo-forte). The score includes various musical notations such as eighth notes, quarter notes, and half notes, often grouped with slurs and fingerings (e.g., 3, 5). A measure number 20 is visible in the first system.