

Quarteto de cordas, Op. 28, primeiro movimento, de Anton Webern

A série foi baseada no motivo “BACH”, isto é, pelas notas (Bb, A, C, B) da cifra alemã, seguida pela sua inversão (D#, E, C#, D) e pela transposição do original terça maior abaixo (Gb, F, Ab, G). O segundo hexacorde da série também é o retrógrado da inversão do primeiro.

O (6 notas) original (4 notas) retrógrado (4 notas)

RI (6 notas) original terça maior abaixo (4 notas)

No entanto, a primeira aparição da série se dá transposta para G:

Observa-se que os retrógrados da inversão são iguais aos originais (em amarelo) e os retrógrados são iguais às inversões (em laranja), totalizando, portanto, 24 séries em vez de 48.

	I0	I11	I2	I1	I5	I6	I3	I4	I8	I7	I10	I9	
O0	G	F#	A	G#	C	Db	Bb	B	Eb	D	F	E	R0
O1	Ab	G	Bb	A	Db	D	B	C	E	Eb	Gb	F	R1
O10	F	E	G	Gb	Bb	B	Ab	A	Db	C	Eb	D	R10
O11	Gb	F	Ab	G	B	C	A	Bb	D	Db	E	Eb	R11
O7	D	Db	E	Eb	G	Ab	F	Gb	Bb	A	C	B	R7
O6	Db	C	Eb	D	Gb	G	E	F	A	Ab	B	Bb	R6
O9	E	Eb	Gb	F	A	Bb	G	Ab	C	B	D	Db	R9
O8	Eb	D	F	E	Ab	A	Gb	G	B	Bb	Db	C	R8
O4	B	Bb	Db	C	E	F	D	Eb	G	Gb	A	Ab	R4
O5	C	B	D	Db	F	Gb	Eb	E	Ab	G	Bb	A	R5
O2	A	Ab	B	Bb	D	Eb	C	Db	F	E	G	Gb	R2
O3	Bb	A	C	B	Eb	E	Db	D	Gb	F	Ab	G	R3
	RI0	RI11	RI2	RI1	RI5	RI6	RI3	RI4	RI8	RI7	RI10	RI9	

A **cor azul** foi usada para as séries originais, incluindo as transposições, e a **cor laranja** foi usada para as séries invertidas, incluindo as transposições. O início de cada série está anotado em vermelho na partitura.

Mässig $\text{♩} = \text{ca } 66$

1. Geige
2. Geige
Bratsche
Violoncello

Measures 1-4 of the musical score. The first violin part (1. Geige) has a red circle '00' above measure 1. The second violin part (2. Geige) has a red circle '00' above measure 1. The viola part (Bratsche) has a red circle '00' above measure 1. The cello part (Violoncello) has a red circle '00' above measure 1. Dynamics include *f* and *fp*. A red circle '00' is also present in the first violin part above measure 2.

5 6 7 8 *pizz.* *poco rit.*

Measures 5-8 of the musical score. The first violin part (1. Geige) has a red circle '08' below measure 5. The second violin part (2. Geige) has a red circle '04' below measure 8. Dynamics include *f*, *pizz.*, and *p*. The tempo marking *poco rit.* is present above measure 8.

9 *tempo* 10 *pizz.* 11 12

Measures 9-12 of the musical score. The first violin part (1. Geige) has a red circle '010' above measure 10. The second violin part (2. Geige) has a red circle '00' above measure 10. Dynamics include *f*, *arco*, *pizz.*, and *p*. The tempo marking *tempo* is present above measure 9.

2

The image shows a handwritten musical score for a string quartet, consisting of three systems of staves. The notation includes various dynamics, articulations, and performance directions. Red circles with numbers (01-04) and green highlights are used as annotations throughout the score.

System 1 (Measures 13-16):
Measures 13-14: *f*, *arco*.
Measure 15: *rit.*
Measure 16: *tempo*, *f*, *p*, *arco*, *pizz.* (with red circle 01).

System 2 (Measures 17-20):
Measure 17: *f*.
Measure 18: *p*.
Measure 19: *p*.
Measure 20: *pizz.*, *f*, *p* (with red circle 02).

System 3 (Measures 21-24):
Measure 21: *f*, *drängend* (with red circle 04).
Measure 22: *f*, *pizz.*, *f*, *fließender*, *♩ ca 84*.
Measure 23: *f*, *pizz.* (with red circle 03).
Measure 24: *f*, *pizz.*, *f*, *f* (with red circle 00).

wieder mässig

arco

25

26

più f

pizz.

27

28

drängend

arco

08

29 wieder fließender

30

più f

pizz.

più f

31

arco

ff

poco rit.

32

011

wieder fließender

$\text{♩} = \text{ca 84}$

33

34

35

36

pizz.

f

00

09

4

37 38 39 40

Musical score for measures 37-40. The score is written for four staves (Violin I, Violin II, Viola, and Cello/Double Bass). Measure 37 has a forte (*f*) dynamic and an *arco* instruction. Measure 38 continues with *f*. Measure 39 has a forte (*f*) dynamic. Measure 40 has a forte (*f*) dynamic and a *pizz.* instruction. Handwritten annotations include "f I 1" below measure 37, "I 10" above measure 40, and circled numbers "00" at the end of measure 40. The staves are highlighted with light blue and orange markings.

41 42 43 44

Musical score for measures 41-44. The score is written for four staves. Measure 41 has a forte (*f*) dynamic. Measure 42 has a forte (*f*) dynamic and an *arco* instruction. Measure 43 has a forte (*f*) dynamic and a *pizz.* instruction. Measure 44 has a forte (*f*) dynamic and an *arco* instruction. Handwritten annotations include circled numbers "01" at the end of measure 44 and "09" below measure 43. The staves are highlighted with light blue and orange markings.

45 46 47 48

molto rit. *pizz.* *arco* *Dämpfer auf*

Musical score for measures 45-48. The score is written for four staves. Measure 45 has a *più f* dynamic. Measure 46 has a *più f* dynamic and an *arco* instruction. Measure 47 has a *molto rit.* marking, a *pizz.* instruction, and an *arco* instruction. Measure 48 has a *p* dynamic and a *Dämpfer auf* instruction. Handwritten annotations include circled numbers "02" above measure 47 and "010" above measure 47. The staves are highlighted with light blue and orange markings.

sehr mässig ♩ ca 56

40 50 51 52

mit Dämpfer arco

Dämpfer auf mit Dämpfer *f* *fp*

pp arco *pp* *f* *f* *p*

arco *pp* *f* Dämpfer auf

poco rit. tempo

53 54 55 56

pp *f* *I II*

mit Dämpfer *pp* *f*

mit Dämpfer *pp* *f*

pp *f*

57 58 59 60

poco rit. tempo

f *f* *pp* *f*

f *fp* *pp* *f*

f *p* *pp*

O 2

6

61 62 63 poco rit. 64

Musical score for measures 61-64. The score is written for four staves: Violin I, Violin II, Viola, and Cello/Double Bass. Measure 61 starts with a forte (f) dynamic. Measure 62 has a mezzo-forte (mf) dynamic. Measure 63 is marked 'poco rit.' and has a pianissimo (pp) dynamic. Measure 64 also has a pianissimo (pp) dynamic. There are handwritten red annotations: 'f 011' under the first staff of measure 61, and 'p' under the first staff of measure 63.

65 - molto - - - wieder sehr mässig $\text{♩} = \text{ca } 56$ 66 pizz. 67 arco 68 pizz.

Musical score for measures 65-68. The score is written for four staves. Measure 65 is marked 'molto'. Measure 66 is marked 'pizz.' and has a handwritten red 'p 03' below it. Measure 67 is marked 'arco' and has a handwritten red 'p 00' below it. Measure 68 is marked 'pizz.' and has a handwritten red '011' above it. Dynamics include p, pp, and f. There are also handwritten red annotations: 'p 03' under the first staff of measure 66, 'p 00' under the first staff of measure 67, and '011' above the first staff of measure 68.

69 70 71 poco rit. 72 tempo

Musical score for measures 69-72. The score is written for four staves. Measure 69 is marked 'arco' and has a handwritten red '08' below it. Measure 70 has a forte (f) dynamic. Measure 71 is marked 'poco rit.' and has a handwritten red '07' above it. Measure 72 is marked 'tempo' and has a handwritten red '04' below it. Dynamics include f, p, pp, and f. There are also handwritten red annotations: '08' under the first staff of measure 69, '07' above the first staff of measure 71, and '04' below the first staff of measure 72.

73 74 75 76

Violin I: *pizz.*, *pizz. f*, *pizz.*, *pizz.*
 Violin II: *pizz. f*, *pizz.*, *arco*, *f*, *arco*, *p*
 Cello/Double Bass: *arco*, *f*, *pizz.*, *pizz. f*, *arco*, *f*, *p*

77 78 79 80

poco rit. wieder nur mässig $\text{♩} = \text{ca } 66$

Violin I: *arco*, *p*, *pp*, *pp*
 Violin II: *pizz.*, *pp*, *pp am Steg*, *ohne Dämpfer*, *pizz.*
 Cello/Double Bass: *p*, *pp*, *Dämpfer ab*, *Dämpfer ab*, *f*

81 82 83 84

Violin I: *ohne Dämpfer*, *pizz.*, *f*, *arco*, *f*, *p*
 Violin II: *ohne Dämpfer*, *fp*, *f*, *arco*, *f*
 Cello/Double Bass: *arco*, *ohne Dämpfer*, *f*, *arco*, *f*

8

86 *010* 87 88

Musical score for measures 86, 87, and 88. The score is written for four staves (treble and bass clefs). Measure 86 has a red handwritten '010' above it. Measure 87 has a red handwritten '01' below it. Measure 88 has a red handwritten '01' below it. The music features various dynamics including *f*, *pp*, and *p*.

89 drängend 90 91 wieder fließender u. noch drängend bis 92

Musical score for measures 89, 90, 91, and 92. Measure 89 is marked 'drängend'. Measure 90 has 'pizz.' above it. Measure 91 has 'pizz. *f* *011*' above it. Measure 92 has 'arco' above it. The score includes dynamics like *f* and *pizz. f*. A red handwritten '08' is present below measure 90.

93 94 95 96 wieder mässig *♩* = ca 60 97

Musical score for measures 93, 94, 95, 96, and 97. Measure 96 is marked 'wieder mässig' with a tempo indication '*♩* = ca 60'. Measure 97 is marked 'mit Dämpfer' with a red handwritten '07' below it. The score includes instructions like 'Dämpfer auf' and 'mit Dämpfer'. A red handwritten '04' is present below measure 97.

98 99 100 101 102

8 2

sfp mit Dämpfer. *sfp* *p* *f* *p* *sfp* **O3**

mit Dämpfer. *sfp* *sfp* *p* *f* *p* *sfp*

sfp *sfp* *p* *f* *p* *sfp* **Oo**

103 104 105 106 107 *ca 56*

f *f* *p* *f* *p* *pp* *f* *p* *p* *pp* *f* *p*

p *f* *pp* *f* *p*

108 109 110 111 112 (Dpf. ab)

pp *pp* *pp* *ppp* *ppp* *ppp* *ppp* *ppp*

(Dpf. ab) *b₂* (Dpf. ab) (Dpf. ab)

pp *pp* *pp* *ppp*