

Se-Lien Chuang

Duty Cycles

für Streichquartett, Zuspielung und Live-Elektronik

(2020)

Besetzungen:

Streichquartett -

1. Violine

2. Violine

Viola

Violoncello

Computer -

Zuspielung

Live-Elektronik

Mehrkanal Lautsprechersystem

Duty Cycles von Se-Lien Chuang (2020)

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Elektronisch oszillierende Töne und Schwebungen verwoben mit verstärkten und sich annähernden verfremdeten instrumentalen Klängen, welche Prozesse die Landschaften von „uncage, chrome, organica, pendulum, morphology“ assoziieren lassen.

(UA) im Dom im Berg im Rahmen des Musikprotokoll 11. Oktober 2020

Duty Cycles

Partitur

1. Teil von Triologie - Duty Cycles on Urban Tribes

Se-Lien Chuang

$\text{♩} = 60$

Violine I
IV. Bartók pizz.
sfz
mf
pizz.

Violine II
IV. Bartók pizz.
sfz
mf
pizz.

Viola
III. Bartók pizz.
sfz
mf
pizz.

Cello
III. Bartók pizz.
sfz
mp
I. gliss.

(live) electronics
 $\frac{5}{4}$

VI. I
pizz. IV.
mf
mp
pizz. IV.

VI. II
pizz. IV.
mf
mp
pizz. IV.

Vla.
pizz.
mf
mf
pizz.

Vc.
gliss.
p
I. arco

l. e.
 $\frac{5}{4}$

Musical score for measures 7-9, featuring five staves: VI. I, VI. II, Vla., Vc., and l. e. The score includes various performance instructions such as *pizz.*, *arco*, *mp*, *mf*, and *f*. Measure 7 starts with a *p* dynamic. Measure 8 features *mf* dynamics and *pizz.* markings. Measure 9 includes *mf* and *f* dynamics, with *arco* and *pizz.* markings. The Vc. staff shows a change in clef from bass to treble between measures 8 and 9.

Musical score for measures 10-12, featuring five staves: VI. I, VI. II, Vla., Vc., and l. e. The score includes various performance instructions such as *pizz.*, *arco*, *f*, *p*, and *similie*. Measure 10 starts with a *f* dynamic. Measure 11 features *f* and *p* dynamics, with *arco* and *pizz.* markings. Measure 12 includes *f* and *similie* markings, with *arco* and *pizz.* markings. The Vc. staff shows a change in clef from bass to treble between measures 11 and 12.

13

VI. I. *mf* *mp* *p*

VI. II. *mp* *p*

Vla. *mf* *p*

Vc. *mf* *p*

II. arco $\#^{\circ}$ $\#^{\circ}$ $\#^{\circ}$

8^{va} I. $\#^{\circ}$

pizz. I. $\#^{\circ}$

II. $\#^{\circ}$ $\#^{\circ}$ $\#^{\circ}$

II. $\#^{\circ}$ $\#^{\circ}$ $\#^{\circ}$

II. $\#^{\circ}$ $\#^{\circ}$ $\#^{\circ}$

13

I. e.

16

VI. I. *mp* *pp*

VI. II. *pp*

Vla. *pp*

Vc. *mp* *pp*

pizz. $\#^{\circ}$ $\#^{\circ}$ $\#^{\circ}$

arco $\#^{\circ}$ $\#^{\circ}$ $\#^{\circ}$

III. $\#^{\circ}$ $\#^{\circ}$ $\#^{\circ}$

IV. $\#^{\circ}$

arco, langsam auf dem Steg similie

arco, langsam auf dem Steg similie

arco, langsam auf dem Saitenhalter similie

16

I. e.

19

VI. I

arco, langsam
auf dem Steg

III.

III.

Bartók pizz. *sfz*

similie

sfz

VI. II

arco, langsam
auf dem Steg

similie

mp

Vla.

arco, langsam
auf dem Saitenhalter

mp

gliss.

similie

Vc.

mp *mp*

19

I. e.

22

VI. I

arco

gliss.

p

VI. II

arco

gliss.

pp

p

Vla.

pp

p

Vc.

f

22

I. e.

25

VI. I

II. III. *mf* IV. Bartók pizz. arco III. Bartók pizz. IV. *sfz* *mp* *sfz*

VI. II

II. III. *mf* IV. Bartók pizz. *sfz* arco IV. Bartók pizz. III. *mp* *sfz*

Vla.

mf *sfz* III. Bartók pizz. *mp* *sfz* Bartók pizz. III.

Vc.

f *sfz* Bartók pizz. arco III. *mp* I. *sfz*

l. e.

Detailed description: This musical score block covers measures 25 to 31. It features five staves: VI. I, VI. II, Vla., Vc., and l. e. The VI. I and VI. II staves begin with a *mf* dynamic and a slur over two notes, with fingerings II. III. and II. III. respectively. The Vla. staff also starts with *mf* and a slur. The Vc. staff starts with *f* and a slur. At measure 26, all string parts have a *sfz* dynamic and a slur over a single note, with the Vc. staff also including 'Bartók pizz.'. At measure 27, the VI. I and VI. II staves have a *mp* dynamic and a slur over two notes, with fingerings III. and IV. respectively. The Vla. and Vc. staves have a *mp* dynamic and a slur over two notes, with fingerings III. and I. respectively. At measure 28, the VI. I and VI. II staves have a *mp* dynamic and a slur over two notes, with fingerings III. and IV. respectively. The Vla. and Vc. staves have a *mp* dynamic and a slur over two notes, with fingerings III. and I. respectively. At measure 29, the VI. I and VI. II staves have a *mp* dynamic and a slur over two notes, with fingerings III. and IV. respectively. The Vla. and Vc. staves have a *mp* dynamic and a slur over two notes, with fingerings III. and I. respectively. At measure 30, the VI. I and VI. II staves have a *mp* dynamic and a slur over two notes, with fingerings III. and IV. respectively. The Vla. and Vc. staves have a *mp* dynamic and a slur over two notes, with fingerings III. and I. respectively. At measure 31, the VI. I and VI. II staves have a *mp* dynamic and a slur over two notes, with fingerings III. and IV. respectively. The Vla. and Vc. staves have a *mp* dynamic and a slur over two notes, with fingerings III. and I. respectively.

28

VI. I

arco III. III. IV. IV. *mf* *mp*

VI. II

arco IV. IV. IV. IV. *mf* *mp*

Vla.

arco II. II. III. III. *mf* *mp*

Vc.

arco II. II. I. I. *mf* *mp*

l. e.

Detailed description: This musical score block covers measures 28 to 34. It features five staves: VI. I, VI. II, Vla., Vc., and l. e. The VI. I and VI. II staves begin with a *mf* dynamic and a slur over two notes, with fingerings III. and III. respectively. The Vla. staff also starts with *mf* and a slur. The Vc. staff starts with *mf* and a slur. At measure 29, all string parts have a *mp* dynamic and a slur over two notes, with fingerings IV. and IV. respectively. At measure 30, the VI. I and VI. II staves have a *mp* dynamic and a slur over two notes, with fingerings IV. and IV. respectively. The Vla. and Vc. staves have a *mp* dynamic and a slur over two notes, with fingerings III. and III. respectively. At measure 31, the VI. I and VI. II staves have a *mp* dynamic and a slur over two notes, with fingerings III. and III. respectively. The Vla. and Vc. staves have a *mp* dynamic and a slur over two notes, with fingerings III. and III. respectively. At measure 32, the VI. I and VI. II staves have a *mp* dynamic and a slur over two notes, with fingerings III. and III. respectively. The Vla. and Vc. staves have a *mp* dynamic and a slur over two notes, with fingerings III. and III. respectively. At measure 33, the VI. I and VI. II staves have a *mp* dynamic and a slur over two notes, with fingerings III. and III. respectively. The Vla. and Vc. staves have a *mp* dynamic and a slur over two notes, with fingerings III. and III. respectively. At measure 34, the VI. I and VI. II staves have a *mp* dynamic and a slur over two notes, with fingerings III. and III. respectively. The Vla. and Vc. staves have a *mp* dynamic and a slur over two notes, with fingerings III. and III. respectively.

31

VI. I

VI. II

Vla.

Vc.

l. e.

mp

mf

mp

mp

mf

mp

34

VI. I

VI. II

Vla.

Vc.

l. e.

III./II.
Vibrato

III./II.

f

mf

II./III.
Vibrato

II./III.

IV.
pizz.

gliss.

similie

f

mf

37

VI. I

VI. II

Vla.

Vc.

l. e.

pizz. gliss. arco gliss.

so schnell wie möglich, wie flächiger Klangteppich

8va

40

VI. I

VI. II

Vla.

Vc.

l. e.

ppp pp

II.

ppp

II.

II.

langsameres Vibrato

so schnell wie möglich, wie flächiger Klangteppich

8va

pizz. I.

ppp pp

similie

42 *8va*

VI. I *p*

VI. II III.

Vla. IV.

Vc. *similie* *(8va)* II. II.

p

42

I. e.

II. I. I. (als Akkord: II/I.)

43 *8va*

VI. I *p* *mp* *mf*

VI. II *ppp*

Vla. *ppp*

Vc. II. I. I. (als Akkord: II/I.)

p *mp* *mf*

43

I. e.

* Man kan diese Stelle und ähnliche folgende Stellen als Akkord tremolieren

46

VI. I

VI. II

Vla.

Vc.

I. e.

II. I. I.

mf *mp*

8va- 8va- 8va-

Detailed description: This system contains measures 46, 47, and 48. The VI. I and Vc. staves have a melodic line with slurs and dynamic markings of *mf* and *mp*. The VI. II and Vla. staves have a sustained harmonic accompaniment. The I. e. staff is empty. Above the VI. I and Vc. staves, there are fingering indications: 'II.' and 'I.' for the first two measures, and 'I.' for the third measure, with '8va-' indicating octave transposition.

49

VI. I

VI. II

Vla.

Vc.

I. e.

pizz. II. I. IV.

pp *p* *p* *sfz*

8va- 8va- 8va-

m.s. (mit der linken Hand)

Bartók pizz.

Detailed description: This system contains measures 49, 50, and 51. Measures 49 and 50 feature a complex rhythmic pattern of sixteenth notes in the VI. I, VI. II, Vla., and Vc. staves, with dynamic markings of *pp* and *p*. The instruction 'm.s. (mit der linken Hand)' is written above these staves. Measure 51 features a 'Bartók pizz.' (pizzicato) effect in the VI. I, VI. II, and Vc. staves, with a dynamic marking of *sfz*. Above the VI. I and Vc. staves, there are fingering indications: 'II.' and 'I.' for measure 49, 'I.' for measure 50, and 'IV.' for measure 51, with '8va-' indicating octave transposition.

52 arco * Langloischer Effekt

VI. I *sfz pp*

VI. II arco * Langloischer Effekt *sfz pp*

Vla. arco * Langloischer Effekt *sfz pp*

Vc. arco * Langloischer Effekt *sfz pp*

l. e. 52 * Saite zwischen Daumen & Zeigefinger festklemmen und Saite scharf streichen

pizz. *mp*

similie *pp*

55 arco

VI. I *mp p*

VI. II *mp p*

Vla. arco *mp p*

Vc. arco *mp p*

l. e. 55

spicato *p*

pizz. *p*

58

VI. I

VI. II

Vla.

Vc.

l. e.

58

VI. I

VI. II

Vla.

Vc.

l. e.

61

Musical score for measures 67-70. The score is for five staves: VI. I, VI. II, Vla., Vc., and l. e. The key signature is B-flat major. The time signature is 4/4. The score includes various dynamics (mf, mp, p) and performance instructions (gliss., flautato). The VI. I and VI. II staves feature glissandi and slurs with fingering numbers III, II, and III. The Vla. staff has slurs with fingering numbers I and II. The Vc. staff has a glissando. The l. e. staff is a single line with a measure rest.

Musical score for measures 71-74. The score is for five staves: VI. I, VI. II, Vla., Vc., and l. e. The key signature is B-flat major. The time signature is 4/4. The score includes various dynamics (mp, p, pp) and performance instructions (gliss., flautato). The VI. I staff has a glissando and a slur with fingering number IV. The VI. II staff has a slur with fingering number IV. The Vla. staff has a slur with fingering number IV. The Vc. staff has a glissando. The l. e. staff is a single line with a measure rest.