

MARIANNA CHALAMPALAKI

VIBRATIONS

QUARTET

VIOLIN

SAXOPHONE

VIBRAPHONE

GRAND PIANO

(2019)

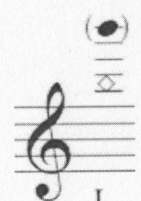
Description

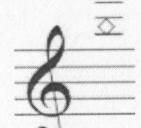
This quartet is made up of four instruments and three performers. There is no piano performer. The purpose of this piece is its experimental interaction of saxophone, vibraphone, violin and their performers with the piano as a resonator. Attach a wedge to the right pedal so that it will release the stings from the dampers. The performers have to be positioned around the piano with a direction to it, so as to be able to send the sound they produce into the strings of the piano. It's up to the performers to find the right position and distance from the piano so they can activate its strings as equally as possible, they are, therefore, instructed to experiment in the area around the piano until said position is found.

Notes

Violin


Natural Harmonics

 = sounding pitch

 = the position you will touch the string

I. = the string you will produce the harmonic on

Artificial harmonics


 = sounding pitch


= the position you will touch


= the note you will play


III. = the string you will produce the harmonic on


Accidentals


 sharpened by an eighth-tone


 sharpened by a quarter-tone



 quarter-tone plus an eighth-tone higher


 semitone plus an eighth-tone higher


 three quarter-tones higher

 lowered by an eighth-tone

 lowered by a quarter-tone

 and  quarter-tone plus an eighth-tone lower

 semitone plus an eighth-tone lower

 shadow sound, "suono d'ombra"

Vibraphone

o = harmonic, it sounds two octaves higher (Simply touch a fingertip, or a mallet head, on the middle of the bar then, strike the bar directly on a nodal point.)

\ = pitch bending (After first striking the middle of a bar with a soft mallet in the normal manner, the pitch bend is obtained by pressing a hard mallet onto the bar at a nodal point and then sliding it away from the node as the note sustains.)

X = play using mallets

— = play using bow

Saxophone

* = alternative fingering

x = open slap tongue

\ = pitch bending

Microtonal fingerings

The diagram illustrates microtonal fingerings for saxophone. It consists of two rows of four examples each. Each example shows a musical staff with a note and a vertical column of circles representing fingerings. The first row shows fingerings for notes with a sharp sign, and the second row shows fingerings for notes with a flat sign. Labels like '8', 'C1', 'C2', 'C12', 'C14', and 'C5' are placed above or below the circles to indicate specific microtonal adjustments.

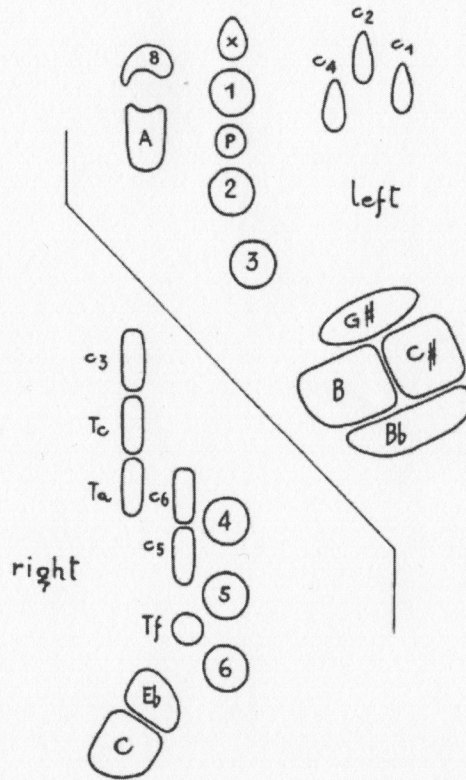
Harmonics

Harmonic notation example: A treble clef staff with a note marked with a sharp sign. A smaller note above it is labeled "= Harmonic pitch" and the larger note below it is labeled "= Fundamental note".

Diagram

Left hand

- A = low A key (baritone only)
- 8 = octave key
- c1 = high D key
- c2 = high E_b key
- c4 = high F key
- x = high F alternate key
- 1 = B key
- p = B_b key
- 2 = A key
- 3 = G key
- G_# = G_# key
- C_# = C_# key
- B = low B key
- B_b = low B_b key



Right hand

- c3 = high E key
- Tc = C trill key
- Ta = A trill key
- 4 = F key
- 5 = E key
- c5 = high F_# key
- c6 = high G key (soprano only)
- Tf = F_# trill key
- 6 = D key
- E_b = E_b key
- C or 7 = C key

Soprano Sax Multiphonics

Tenor Sax Multiphonics

Vibrations

M.Chalampalaki

♩ = 75-90

Violin

Saxophone

Vibraphone

mp

Soprano

mf

p *mf*

let it fade

Vln.

Sx.

Vib.

p

p *f* *mp* *ff*

Direction to the Piano

Vibrations

2

standard

(●)
⊗ I.

Vln. 13

Sx. 13

Vib. 13

Growl

Direction to the Piano

p *f* *mp*

Vln. 20

Sx. 20

Vib. 20

3

f *mp* *f*

release poco a poco

4

sul tasto → *standard*

Vln. 39

mp II. III. II. I. II. I. *f*

Sx. 39

Open Slap Tongue

mp *f*

Vib. 39

mf *f*

3

Vln. 44

mf *p* *p*

sul tasto

Sx. 44

p

sub tone ----- Change to Soprano

Vib. 44

mf *p*

72

Vln. *pp* *mp* *f* *p*

Sx. *f* *p*

Vib. let it fade

Direction to the Piano

Vibrations

standard

III. II. 3 III. II. I. II.

78

Vln. *p* sul pont.

Sx.

Vib. *mp*

Vibrations

8

sul tasto

84 standard

Vln. *IV.* *mf* *II.* *f*

Sx. *p* *f* *p*

Vib. *mf* let it fade

89 standard

Vln. *IV.* *mf* Direction to the Piano

Sx. Direction to the Piano *mf*

Vib. *mp*