

L O U D ▼ ≡ R S ≡

Thomas Vieira  
Supersymmetry

*for string quartet,  
in 5 movements*

2021

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**Supersymmetry**

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# Supersymmetry

Thomas Vieira

## 1. Counting the Spheres

$\text{♩} = 95$

Violin I

Violin II

Viola

Violoncello

pizz.

*p cresc. poco a poco*

col legno

*p cresc. poco a poco*

*p cresc. poco a poco*

*mf cresc. poco a poco*

*p cresc. poco a poco*

*p cresc. poco a poco*

7

*ff* *p cresc. poco a poco*

*col legno* 5

*ff* 5 5

*ord. arco* *mp*

*f*

*pizz.* 5 5

*ff* 5 5

10

*ff*

*f sub.* *mf*

*ff* 5 5

*ff* 5 5

*ff* 5 5

*ff*

**5** *mf*

*arco* *ord.* *f*

*f* *mf*

*mf*

15

*mf*

*f*

*mf*

*f*

*mf*

*f*

*mf*

*f*

*mf*

**4**



29

4

mp      mf      mp arco      mp      pizz.      mf

mf      sf

mf      f

D

ff

ff

ff

ff

ff non cresc

ff

ff non cresc

38

p sub. cresc. poco a poco

mp sub. cresc. poco a poco

ff

5

44

2

16

arco

*f*

arco

*f*

## 2. Worldsheet

*d* = 60      *con sord.*

Violin I

Violin II

Viola

Violoncello

**2**      *pp*  
sul tasto  
con sord.

**5**

**4**      *pp*

**4**

*con sord.*

*mp* *espressivo*

*3*      *3*

**2**      *pp*

**5**

**4**

**4**

Musical score for two staves, labeled A, with dynamic markings and performance instructions. The score includes large, bold numerals (6, 4, 2, 4) and various performance instructions like *ord.*, *mp*, *mf*, and *senza sord.* The tempo is  $\text{♩} = 72$ .

11

**A**  $\text{♩} = 72$

6

4

2

4

*ord.* *mp sub.*

*mp* *3* *3*

*mf* *3* *3*

*senza sord.*

*ord.* *senza sord.*

*mp* *3* *3*

*mf* *3*

*senza sord.*



**B** ♩ = 60 con sord.

*mf* *espressivo*      *con sord.*      *con sord.*      *mf*      *con sord.*      *mf* *espressivo*      *sul tasto*      *con sord.*      *mf*

34      *poco ritenuto*

*mp*      *3*      *3*      *p*      *3*      *4*      *3*      *4*      *4*

*mp*      *3*      *3*      *p*      *3*      *4*      *3*      *4*      *4*

*mp*      *3*      *3*      *p*      *3*      *4*      *3*      *4*      *4*

*mp*      *3*      *3*      *p*      *3*      *4*      *3*      *4*      *4*

38      *8va*

*3*      *4*      *3*      *4*      *3*      *4*      *3*      *4*      *3*

*ppp*      *ppp*      *ppp*      *ppp*      *ppp*

### 3. Superpartner

11

*mf*

*mf*

*mf*

*mf*

*f*

*5*

*f*

*f*

*5*

*f*

*f*

16

**B**

*mf*

*mp sub.*

*5*

*5*

*5*

*5*

*5*

*5*

*5*

*5*

*mf*

*mf*

19

*f*

*f*

*f*

*5*

*5*

*5*

*5*

*5*

*5*

*5*

*5*

*mf*

*f*

*f*

*f*

22

C

*mf*

5

*f*

*mf*

5

*f*

*mf*

5

*f*

*mf*

*f*

22

C

*mf*

5

*f*

*mf*

5

*f*

*mf*

5

*f*

*mf*

*f*

25

*mf*

*f*

*mf*

*f*

*mf*

*f*

*mf*

*f*

25

#### 4. Hint of Duality

**Misterioso**  $\text{♩} = 78$

Violin I      arco

Violin II      *sul pont.* arco

Viola      *sul pont.* arco

Violoncello      *sul pont.* arco

**A**      *sul pont.*

**8va**      *8va*

15

**B** col legno

5

4

3

4

3

4

col legno

p

col legno

p

col legno

p sub.

mp

mp

mp

mp

19

3

4

5

4

4

p

p

mp

mp

mp

23

3

3

3

3

mf

mf

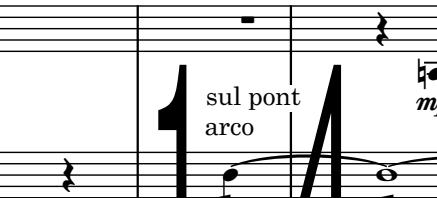
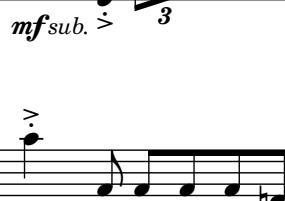
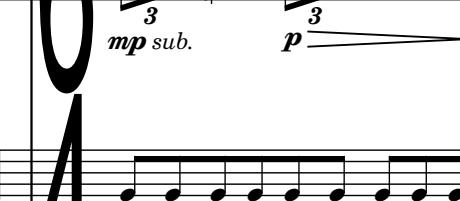
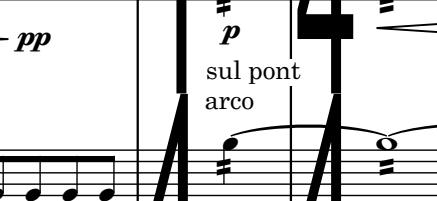
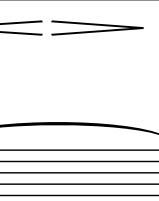
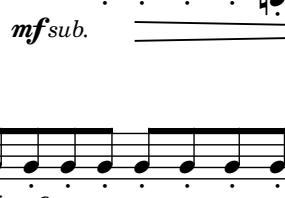
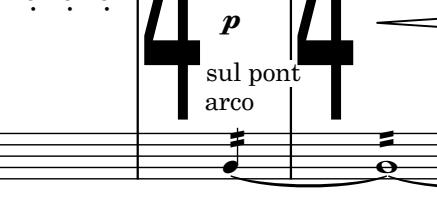
mf

f

f

f

f

27 (8)  ritenuto ord.  6 1            

## 5. Quantum Gravity

*J = 95* spicc.

Violin I

Violin II

Viola

Violoncello

5

*cresc. poco a poco*

*pp*

*mf*

*mp*

*spicc.*

*mf*

*mp*

*cresc. poco a poco*

*mf*

*mp*

*cresc. poco a poco*

*mf*

*mp*

10

*mf*

*mf sub.*

*mp*

*mf*

*mf*

*p*

*mf*



33 (8) B

*f* *mp* *mf*

*mp*

*f*

*mp* *mf*

*f sub.* *mf*

*mf*

*mp* *f sub.*

*mf*

*f*

39 C

*f sub.*

*ff*

*f*

*ff*

*f*

45

*ff*

*ff*

*ff*

*ff*

*ff*

50

2 3 4 3 4

ff f

pizz. f

pizz. f

56

(8) 3 4 3 4 2 4

ff mf f col legno mf f

arco mf f

D

62

4 2 4 3 4 2 4

mf f



L O U D ▼ ≡ R S ≡

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Supersymmetry

Violin I

*for string quartet,  
in 5 movements*

2021

Violin I

# Supersymmetry

Thomas Vieira

## 1. Counting the Spheres

3

*mf cresc. poco a poco*

7

*p cresc. poco a poco*

10

*ff*

*ff*

**A**

*f sub.*

14

*f*

*mf*

*mf < f*

**B**

*p*

*f*

*ff*

24

*col legno*

*f*

*ff*

**C**

*ord.*

*arco*

*mp*

*mf*

*mf*

*mp*

*< mf*

**D**

*ff*

*p sub. cresc. poco a poco*

39

E pizz. arco 1

mf f

47 F 16 f

50 pizz. fff 3 ff

## 2. Worldsheet

$\text{♩} = 60$

con sord.

7 A  $\text{♩} = 72$  1 3 3 mp

senza sord.

$\text{♩} = 88$

14 1  $\text{mf}^3$  3  $\text{f}^3$   $\text{sff}$

22  $\text{ff}$

26 1  $\text{ff}$

### 3. Superpartner

senza sord.  
pizz.

*p*      *mf*

**A**

*mp sub.*      *mf sub.*      *mp*

**B**

*f*      *mf*      *f*

**C**

*f*

*mf*      *f*

25

#### 4. Hint of Duality

Misterioso  $\text{♩} = 78$

5

**A**

sul pont.

**B**

col legno

20

23

26

**C**

$\text{♩} = 78$  pizz.

34

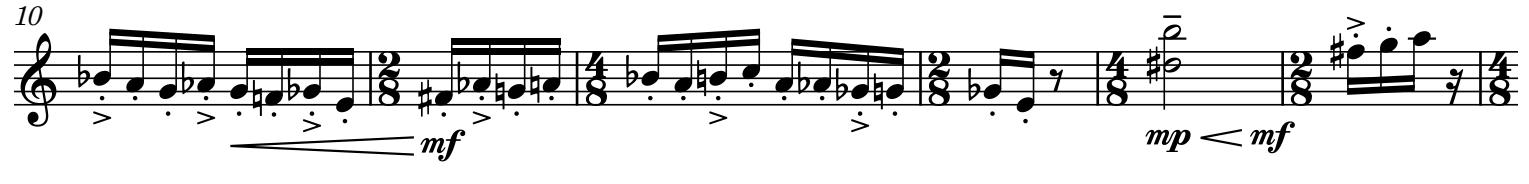
sul pont. poco a poco ritenuto  
arco

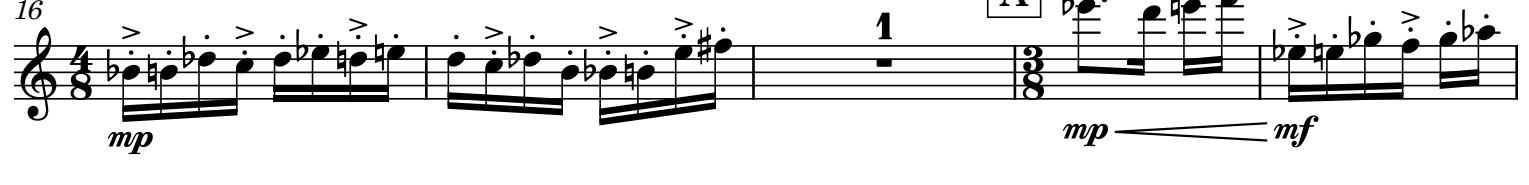
## 5. Quantum Gravity

$\text{♩} = 95$   
spicc.

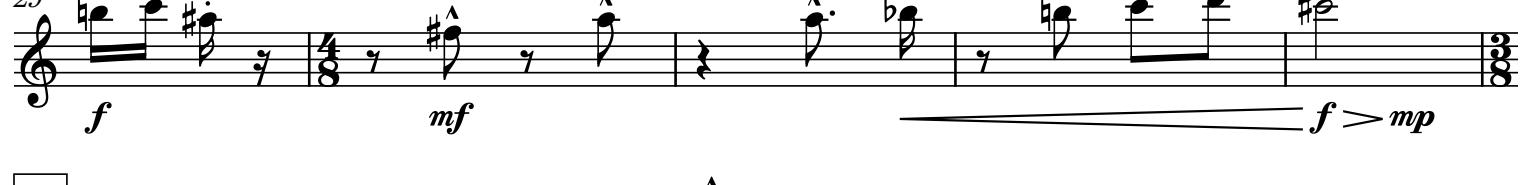
**1** 

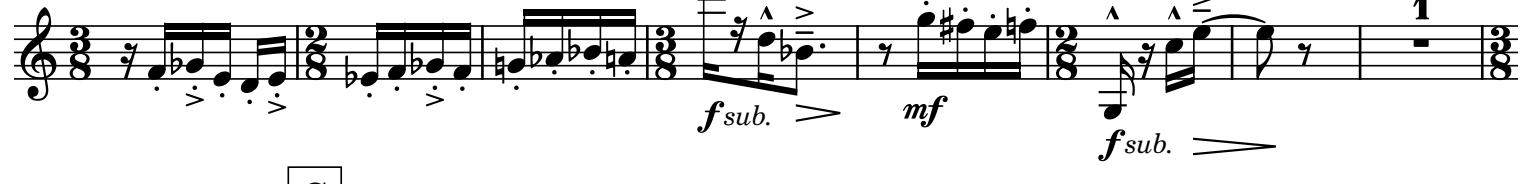
**5** 

**10** 

**16** 

**21** 

**29** 

**B** 

**42** 

**48** 

53

ff

mf

D

f

E

66

f

ff

F

77

f

85

ff

fff

3

ff

f

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Supersymmetry

Violin II

*for string quartet,  
in 5 movements*

2021

Violin II

# Supersymmetry

Thomas Vieira

## 1. Counting the Spheres

*pizz.*

*p cresc. poco a poco*

*ff*

*col legno* 5

*mp*

*arco ord.*

**A**

*ff*

*f*

*mf*

*col legno* 5

*mp*

**B**

*ff*

**C**

*ff*

*sf*

**D**

*ff*

*mp*

*mf*

*arco*

*mp sub. cresc. poco a poco*

*pizz.*

*p cresc. poco a poco*

*ff*

*col legno* 5

*mp*

*arco ord.*

**A**

*ff*

*f*

*mf*

*col legno* 5

*mp*

**B**

*ff*

**C**

*ff*

*sf*

**D**

*ff*

*mp*

*mf*

*arco*

*mp sub. cresc. poco a poco*

## 2. Worldsheet

♩ = 60  
sul tasto  
con sord.

8 *pp*

17 *d = 72*  
ord.  
A *mp sub.* *2* *senza sord.* *3*  
*mf*

17 *d = 88*  
*f* *ff* *fff*

23 *d = 96*  
*1* *5* *5* *5* *5* *5* *5* *5*

26 *8va* *fff* *3* *7* *1* *5*

**B** ♩ = 60

con sord.

**1**

*mp < mf*

*mp*

*p*

**poco ritenuto**

**2**

*37*

*ppp*

### 3. Superpartner

*senza sord.  
pizz.*

*p* *mf*

**A**

*mp sub.* *mf sub.* *mp*

**B**

*f* *mf* *f*

*mp sub.* *5* *5* *5* *5* *mf*

**C**

*mf* *f*

**D**

*mf* *f*

## 4. Hint of Duality

## Misterioso ♫ = 78

8 A

15 B col legno *p* *mp*

19

22 *mp* *mf*

25 *f* *mf sub.* *8va* *8va* *6*

28 *ritenuto* (8) C *sul pont* *arco* *8va* *8va* *6*

34 *poco a poco ritenuto* (8) *ppp*

## 5. Quantum Gravity

$\text{♩} = 95$

5

spicc.

$pp$   $mf$   $mp$   $mf_{sub.}$

11  $mp < mf$

A

17  $mf < f$   $mf$   $mp$

23  $mf$   $f$   $mf$

B

31  $mp$   $f_{sub.}$   $mf$

38  $f_{sub.}$   $>$   $1$   $1$   $1$

C

44  $f$   $> mf$   $mp$

The musical score consists of six staves of music. Staff 1 (measures 5-10) starts with a dynamic of  $pp$ , followed by  $mf$ ,  $mp$ , and  $mf_{sub.}$ . Articulations include spiccato and various slurs and grace notes. Staff 2 (measures 11-16) shows a dynamic transition from  $mp$  to  $mf$ . Staff 3 (measures 17-22) includes dynamic markings  $mf < f$ ,  $mf$ , and  $mp$ , with a box labeled 'A' above it. Staff 4 (measures 23-28) includes dynamics  $mf$ ,  $f$ , and  $mf$ . Staff 5 (measures 31-36) includes dynamics  $mp$ ,  $f_{sub.}$ , and  $mf$ , with a box labeled 'B' above it. Staff 6 (measures 38-43) includes dynamics  $f_{sub.}$ ,  $>$ , and  $1$  (repeated three times), with a box labeled 'C' above it. The score concludes with a dynamic of  $f$  in measure 44, followed by  $> mf$  and  $mp$ .

49

*f* *mp* *f* *fff*

56 (8)

*ff* *f*

**D**

col legno

*mf*

67 **E**

*mf*

74

pizz.

*f* *ff* *f* *arco* *ff*

**F**

1

*f* *ff* *fff* *ff* *f*

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Thomas Vieira  
Supersymmetry

Viola

*for string quartet,  
in 5 movements*

2021

Viola

# Supersymmetry

Thomas Vieira

## 1. Counting the Spheres

**2** col legno *p cresc. poco a poco*

**6** *ff* **ord. arco** *f*

**10** **A** *ff* *mf*

**16** **B** *f* *mf* *f* *mf* **pizz.** *mp*

**22** *ff* **arco**

**25** **C** *ff* *mp sub.*

**29** *mf* *sf* **pizz.**

**D**

arco  
 $f$  non cresc

**E**

$38$

$f$

**F**

$43$

$f$

$46$

**pizz.**

$49$

$fff$

$ff$

## 2. Worldsheet

$\text{♩} = 60$

con sord.  
 $mp$  espressivo

**A**  $\text{♩} = 72$

senza sord.  
 $mp$

$17$

$mf^3$

$f$

$sff$

$fff$

$\text{♩} = 88$

$23$

$ff$

$\text{♩} = 96$

### 3. Superpartner

24

26

#### 4. Hint of Duality

Misterioso  $\text{♩} = 78$

sul pont.  
arco

A

8

B

col legno

15

19

23

27

ritenuto

C       $\text{♩} = 78$   
sul pont  
arco

poco a poco ritenu

32

## 5. Quantum Gravity

$\text{♩} = 95$

spicc.

**4**

**p**

**mp sub.**

5

**cresc. poco a poco**

**mf**

**mp**

10

**mf**

15

**mp < mf**

**mf**

**f**

**mf**

**A**

21

**mp**

**mf**

**f**

29

**mf**

**f**

**mp**

**B**

35

**f sub.**

**mf**

**f sub.**

**mp**

**f sub.**

**>**

**C**

**f**

**mp**

55

pizz.

**D**

*f*      *mf*      *f*

L O U D ▼ ≡ R S ≡

Thomas Vieira  
Supersymmetry

Violoncello

*for string quartet,  
in 5 movements*

2021

Violoncello

# Supersymmetry

Thomas Vieira

## 1. Counting the Spheres

Sheet music for Violoncello, featuring eight staves of music. The music is in 4/4 time, with a key signature of one flat. The tempo is marked as  $\text{♩} = 95$ . The dynamics and performance instructions include *p* (piano), *cresc. poco a poco*, *ff* (fortissimo), *pizz.* (pizzicato), *mp* (mezzo-forte), *ff* (fortissimo), *mf* (mezzo-forte), *arco* (bowing), *sff p sub.* (sforzando piano subito), and *ff* (fortissimo). The music is divided into sections labeled A and B. The first section (measures 1-15) consists of eighth-note patterns. The second section (measures 16-20) includes sixteenth-note patterns. The third section (measures 21-24) features eighth-note patterns with grace notes and a key change to G major.

**C**

**D**

34

**E**

40

**F**

45

49

pizz.

**fff**

**ff**

$\text{♩} = 60$

## 2. Worldsheet

sul tasto  
con sord.

Measures 1-7: Bass clef, 2/4 time. The score consists of seven measures of eighth-note patterns. Measure 1: 2 eighth notes. Measure 2: 3 eighth notes. Measure 3: 2 eighth notes. Measure 4: 3 eighth notes. Measure 5: 2 eighth notes. Measure 6: 3 eighth notes. Measure 7: 2 eighth notes. Dynamics: **pp**.

8

Measure 8: Bass clef, 2/4 time. The score consists of a single measure of eighth-note patterns. Dynamics: **ord.**, **senza sord.**, **mp**.

16

Measure 16: Bass clef, 2/4 time. The score consists of a single measure of eighth-note patterns. Dynamics: **mf**, **=**, **f**, **sff**, **fff**.

26

Measure 26: Bass clef, 2/4 time. The score consists of a single measure of eighth-note patterns. Dynamics: **ff**.

31

Measure 31: Bass clef, 2/4 time. The score consists of a single measure of eighth-note patterns. Dynamics: **mp**, **p**.

37

Measure 37: Bass clef, 2/4 time. The score consists of a single measure of eighth-note patterns. Dynamics: **ppp**.

**poco ritenuto**

**A**  $\text{♩} = 72$   
ord.  
senza sord.

**B**  $\text{♩} = 60$   
sul tasto  
con sord.

$\text{♩} = 65$   
senza sord.  
pizz.

### 3. Superpartner

1

**Bass clef**

**4** **Time signature**

**p** **Dynamic**

Music: A bass line with eighth-note patterns. The first measure consists of eighth-note pairs. The second measure starts with a single eighth note, followed by eighth-note pairs. The third measure starts with a single eighth note, followed by eighth-note pairs.

4

**mf** **Dynamic**

**mp sub.** **Dynamic**

**mf sub.** **Dynamic**

Music: A bass line with eighth-note patterns. The first measure consists of eighth-note pairs. The second measure starts with a single eighth note, followed by eighth-note pairs. The third measure starts with a single eighth note, followed by eighth-note pairs.

**A**

11

**mf** **Dynamic**

**f** **Dynamic**

Music: A bass line with eighth-note patterns. The first measure consists of eighth-note pairs. The second measure starts with a single eighth note, followed by eighth-note pairs. The third measure starts with a single eighth note, followed by eighth-note pairs.

16

**mf** **Dynamic**

**f** **Dynamic**

Music: A bass line with eighth-note patterns. The first measure consists of eighth-note pairs. The second measure starts with a single eighth note, followed by eighth-note pairs. The third measure starts with a single eighth note, followed by eighth-note pairs.

**B**

19

**f** **Dynamic**

Music: A bass line with eighth-note patterns. The first measure consists of eighth-note pairs. The second measure starts with a single eighth note, followed by eighth-note pairs. The third measure starts with a single eighth note, followed by eighth-note pairs.

**C**

22

**mf** **Dynamic**

**f** **Dynamic**

Music: A bass line with eighth-note patterns. The first measure consists of eighth-note pairs. The second measure starts with a single eighth note, followed by eighth-note pairs. The third measure starts with a single eighth note, followed by eighth-note pairs.

25

**mf** **Dynamic**

**f** **Dynamic**

Music: A bass line with eighth-note patterns. The first measure consists of eighth-note pairs. The second measure starts with a single eighth note, followed by eighth-note pairs. The third measure starts with a single eighth note, followed by eighth-note pairs.

## 4. Hint of Duality

## Misterioso ♩ = 78

8

A

pizz.

13

B

col legno

17

21

A musical score for bass clef, 5/4 time. The score consists of three measures. The first measure has a tempo marking 'V.' below it. The second measure has a dynamic marking 'mp' below it. The third measure has a dynamic marking 'mf' below it. The score is composed of eighth notes and rests.

25

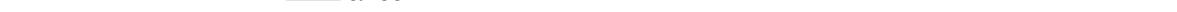
28

ritenuto

C sul pont  
arco

28 **Accentuate**  **ord.**

**mp** **p** <>> <>> **mp**



35

**poco a poco ritenuto**

35

*dim. poco a poco*

*ppp*

## 5. Quantum Gravity

$\text{♩} = 95$

3 spicc.  $\text{mp}$  *cresc. poco a poco*

7  $\text{mf}$   $\text{mp}$   $\text{p} \text{---} \text{mf}$

13  $\text{mp} < \text{mf}$

18 **A**  $\text{mf} \text{---} \text{f} \text{---} \text{mf}$   $\text{mp}$

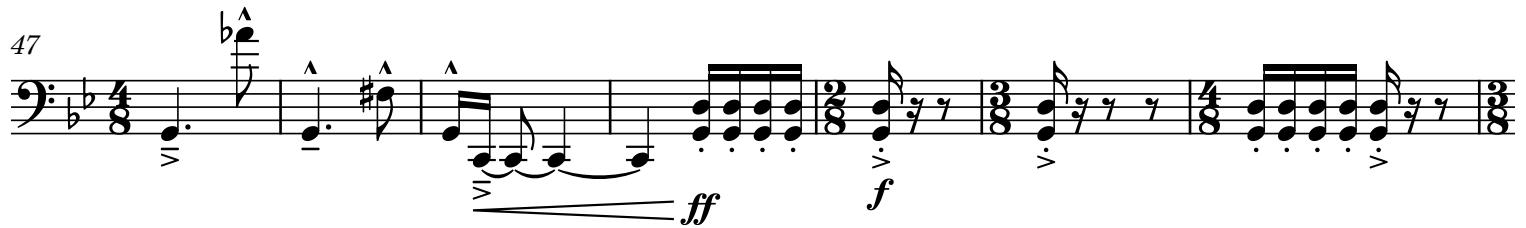
25  $\text{mf}$   $\text{f}$   $\text{mf}$

32 **B**  $\text{mp}$   $\text{f}_{\text{sub.}}$   $\text{mp}$   $\text{f}_{\text{sub.}}$   $\text{mp}$

40 **C**  $\text{f}_{\text{sub.}}$   $\text{ff}$   $\text{f}$

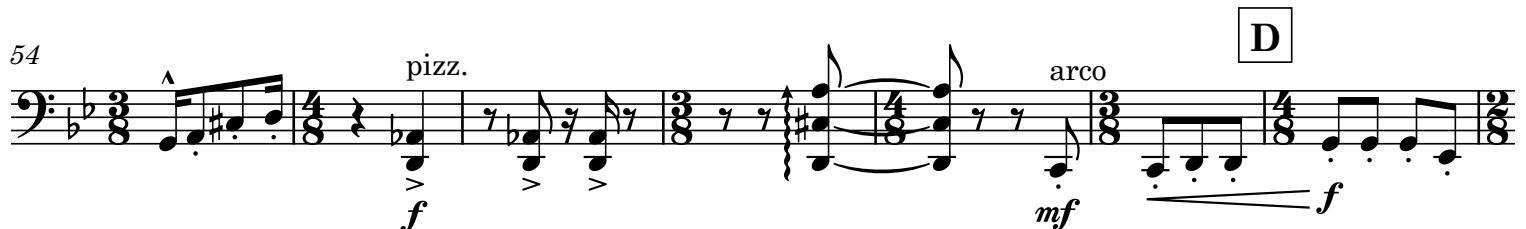
The musical score consists of six staves of music for a single instrument. The first staff (measures 1-6) starts with a dynamic of  $\text{mp}$  and a tempo of  $\text{♩} = 95$ . It features a crescendo instruction *cresc. poco a poco*. The second staff (measures 7-12) starts with  $\text{mf}$  and  $\text{mp}$ , followed by a dynamic change to  $\text{p} \text{---} \text{mf}$ . The third staff (measures 13-17) shows a dynamic transition from  $\text{mp}$  to  $\text{mf}$ . The fourth staff (measures 18-22) is labeled 'A' and includes dynamics  $\text{mf} \text{---} \text{f} \text{---} \text{mf}$  and  $\text{mp}$ . The fifth staff (measures 23-27) shows a dynamic transition from  $\text{mf}$  to  $\text{f}$  and back to  $\text{mf}$ . The sixth staff (measures 28-32) is labeled 'B' and includes dynamics  $\text{mp}$  and  $\text{f}_{\text{sub.}}$ . The seventh staff (measures 33-37) shows a dynamic transition from  $\text{mp}$  to  $\text{f}_{\text{sub.}}$  and back to  $\text{mp}$ . The eighth staff (measures 38-42) is labeled 'C' and includes dynamics  $\text{ff}$  and  $\text{f}$ . The score uses various articulations like spiccato (spicc.), accents, and slurs, and includes measure numbers (3, 7, 13, 18, 25, 32, 40) and a tempo marking ( $\text{♩} = 95$ ).

47



54

pizz.

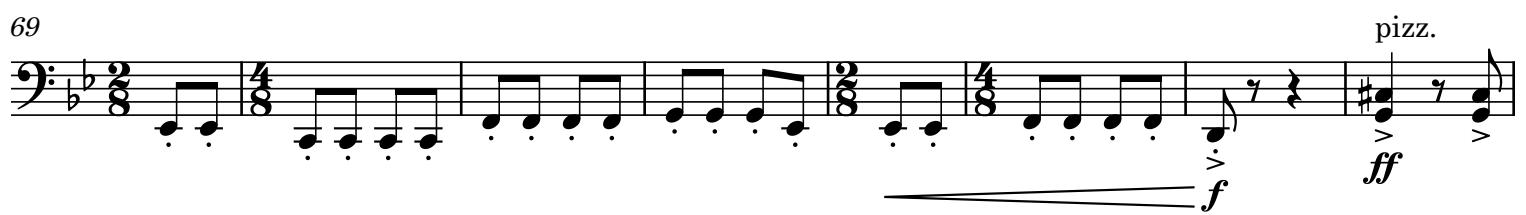


61



69

pizz.



77

2

arco



85

