

Q U D R A T

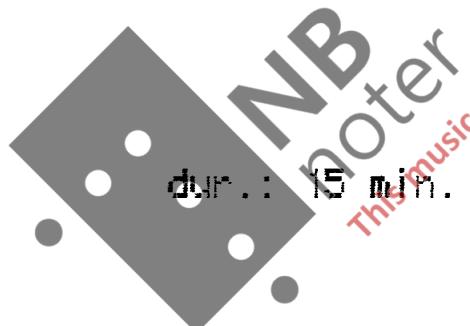
(composed 1987; revised 1990)

for

three percussion players
and
three synthesizers

by

L a s s e T h o r e s s e n



Commissioned by
Norsk Rikskringkasting
for a concert in the
European Broadcasting
Union in March -87

- |-

Qudrat

Qudrat er et arabisk ord for kraft og styrke

Kraften som skaper og knuser:

 som innfører
 opprettholder
 auslutter
 som utsender og kaller tilbake


Kraften som tøler og sammenholder
 som gir likevektstyrke i atspredhet

Styrken til å leue tross lenker
 til å heves mot høyder
 til å stå mot storm

Ropet fra avgrunnen

Stjernesyn ved vintersolverv

Den selv-beståendes verdighet

Lysets tordenkile

NB !

IN THIS SCORE, THERE ARE INDICATIONS FOR THE MOUVEMENTS OF A
'MODULATION WHEEL'

IN THE SYNTHESIZER PARTS. AT THE FIRST PERFORMANCE OF THE PIECE,
THIS WAS USED FOR THE SEPARATE MIDI CONTROL OF 3 PCM70 LEHICON
REVERBERATION BOXES. FOR LATER PERFORMANCES, IT IS ADVISED,
BECAUSE OF PRACTICAL AND ECONOMICAL REASONS TO PERFORM THE PIECE
WITHOUT ARTIFICIAL REVERBERATION ALL TOGETHER, OR, IF DESIRED, WITH
REVERBERATION BOXES CONTROLLED CENTRALLY BY THE TECHNICIAN.

THEREFORE, PLEASE DISREGARD THE INDICATIONS FOR THE MOUVEMENT OF THE MODULATION WHEEL IN THE INDIVIDUAL SYNTH-PARTS !

INSTRUMENTATION

PERCUSSION I

2 bongos (1,2)
Octoban set A (1,2,3,4,5,6,7)
1 Ketteldrum (deep)
Metal and glass chimes

PERCUSSION II

Octoban set B (1,3,5,7)
Octoban set A (8)
Deep drums (1,3)
3-4 chinese cymbals (making a glissando
when hit forcefully)
tam-tam

PERCUSSION III

Octoban set B (2,4,6,8)
deep drums (2,4,5) (drum 5 = gran cassa)
effect drums (1,2,3) (larges drums prepared
with chains, chimes etc.)

NB: The numbering within one group of drums is always from the top
register to the lower ones.

Octoban set A is tuned slightly higher than set B, so that:
A1 > B1 > A2 > B2 etc.

The bongos are tuned higher than the Octoban set A so that
Bongo 2 > A1.

The deep drums are tuned lower than the Octoban:
B8 > Deep dr.1

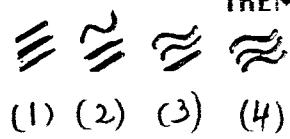
Synthesizers I, II, III use Yamaha Dxt II.fd, each of the synthesizers
being supplied with:

volume pedal
sustain pedal
portamento pedal

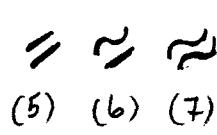
THE SYNTHESIZER SOUNDS ARE SPECIFICALLY DESIGNED FOR THE
PIECE BY THE COMPOSER AND CAN BE OBTAINED FROM HIM ON
DISKETTES. PLEASE DIRECT INQUIRIES TO "THE NORWEGIAN MUSIC
INFORMATION CENTER".

EXPLANATION OF SIGNS

TREMOLI/ SPEED INDICATIONS for notes in circles:

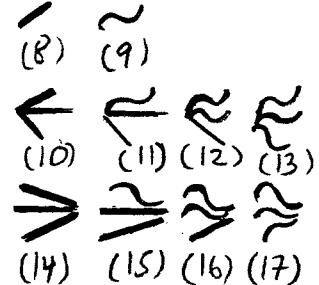


- (1) very fast, regular (2) very fast, slightly irregular (3) very fast, irregular (4) very fast, very irregular

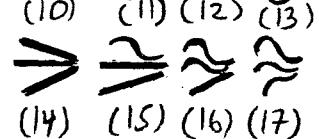


- 5) medium fast, regular; (6), (7) medium fast, increasingly irregular

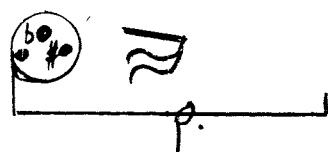
- (8) slow, regular (9) slow irregular



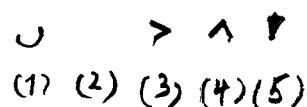
- (10) regular accelerando; (11),(12),(13) increasingly irregular accelerandi.



- (14) regular ritardando; (15),(16),(17) increasingly irregular ritardandi



Play the pitches indicated in any order, beginning fast and immediately making a ritardando in a rather irregular rhythm. The duration of the whole figure is 3 crotchets.



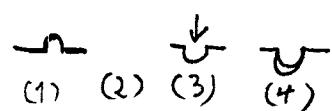
KEY VELOCITY: from slow (left) to very fast. NB! The velocity of the attack determines often not only (and sometimes not at all!) the loudness of the sound, but its overtone spectrum. After a fast /hard attack, be sure to release pressure immediately!



Play with soft attacks



Play with soft attacks, then gradually with harder ones



AFTER TOUCH PRESSURE: (1) no pressure / release pressure (2) normal (i.e. no sign) (3) pressure (4) heavy pressure.



Keep the key depressed.



In this piece, pressure after the initial attack often releases a vibrato. The range of the vibrato is in some cases drawn on the 'effect' line. A greater pressure produces a greater vibrato range.



Push 'Performance 16' for a new sound. Set always the volume to zero with the volume pedal before pushing.

n, P, f, ff etc.

The dynamic indications in the synth.-parts should be realized by regulating the volume with the foot pedal. The manual Volume slider should generally be left on a max. level, except in a few, specifically marked cases of abrupt changes of volume.



Shows the movement of the pitch bender (on the left hand side of the keyboard). The players should play the pitches indicated on the (normal) note system with his right hand, while moving the bender as indicated by the graphic with the left hand. The resulting effect should be the one notated on the third ('effect')-line (above the two 'normal' ones).



Keep the keys depressed. Release them (individually) at the square brackets.



Play any key in the register indicated.

s.1

QUADRAT

Lasse Thoresen (1987)

d=148

Techn.

4

Bongos

sfz

Octoban

sfz

f

sfz

sfz

sfz

sfz

Perc. I

4

Octoban

sfz

2

A

Techn.

Perc. I

Perc. II

Perc. III

Synth.
ISynth.
IISynth.
III

A handwritten musical score for orchestra and electronics, page 2, section A. The score consists of six staves. The top two staves are for the orchestra, featuring Percussion I (two staves) and Percussion II (one staff). The middle two staves are for Percussion III (one staff) and Synthesizer I (one staff). The bottom two staves are for Synthesizer II (one staff) and Synthesizer III (one staff). The score includes various musical markings such as dynamic changes (e.g., ff, f, mf, p), performance instructions (e.g., sfp, sfpz, sim.), and rhythmic patterns. The paper features a large red watermark in the center that reads "N.B. noter" and "This music is copyright protected".

49

$\leftarrow \begin{smallmatrix} 3 \\ 1 \end{smallmatrix} \rightleftharpoons$ $\leftarrow \begin{smallmatrix} 2 \\ 1 \end{smallmatrix} \rightleftharpoons$ $\leftarrow \begin{smallmatrix} 3 \\ 1 \end{smallmatrix} \rightleftharpoons$ $\leftarrow \begin{smallmatrix} 4 \\ 1 \end{smallmatrix} \rightleftharpoons$

$\text{d}=72$ $\text{d}=48$ $\text{d}=72$ $\text{d}=96$

Techn.

FF

MF

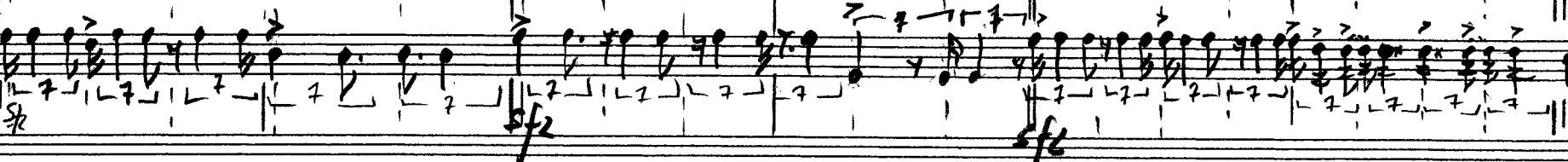
FF

MF

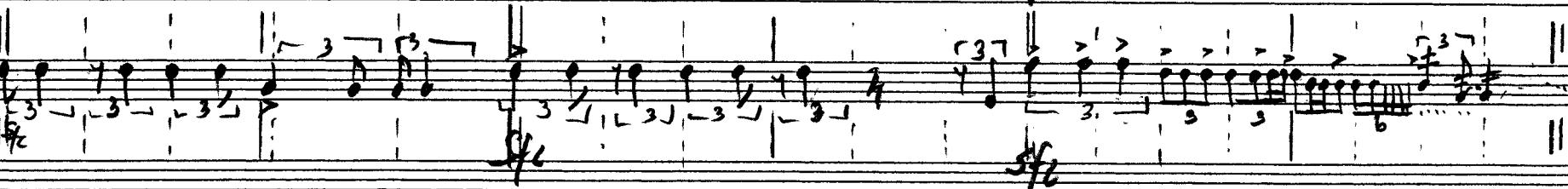
FF

DIM.

Perc. I



Perc. II



Perc. III



3

2

3

4

3

2

3

4

3

2

3

4

NB
noter
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4

$\leftarrow \overset{3}{\text{d}} \rightarrow = 72$

$\leftarrow \overset{4}{\text{d}} \rightarrow = 48$

Techn.

(DIM) - | - | - | - | P |

timpani

(gliss)

Perc. I

 $\text{pp} < \text{mf} >$

Perc. II

Perc. III

Synth. I

This music is copyright protected

3

4

Synth. II

3

4

Synth. III

effect:

Bender

Vol: n L8va mfp cococ.

Bender

1) Vibrato to be released by increased pressure
on the key

5

$\leftarrow \begin{smallmatrix} 5 \\ (4) \end{smallmatrix} \right\rangle = 5$

$d = 60$

Techn.

Perc. I

Perc. II

Perc. III

Synth. I

Synth. II

Synth. III

Bender

Mod. wheel

P.ped

(gliss.)

Bender

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6

Techn.

Perc. I

Perc. II

Perc. III

Synth. I

(far away)

Mod. wh. + -

PP

[>] → [>] → [>]

Synth. II

(reverb)

Synth. III

2

R Mf

Mod. wheel + -

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LIB noter

7

B

Percussion
Very close
middle
Far away

Techn.

Perc. I

Perc. II

Perc. III

Synth. I

Mod. wheel

Synth. II

Mod. wheel

Synth. III

Mod. wheel

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8

Ketotifenum; results.

Techn.

Pers. I

Page II

Part III

Synth.
T

Synth. II

Synth III

Mod.
Wheel:

440

+
mod
wheel or

Mod.
wheel:

3

9

C

6
d=12

$(\overline{4} \overline{6}) | Ld)$

Techn.

This image shows a handwritten musical score for a multi-instrument ensemble, likely for strings and woodwinds. The score is organized into three systems, each starting with a large vertical bar. The first system contains four staves, with dynamics such as ff, ff, sfz, sfz, sfz, p, mp, and mf. The second system also has four staves, with dynamics ff, sfz, sfz, sfz, mp, p, and b. The third system begins with a dynamic ff, followed by a staff with a 'Mod. coh.' instruction and a 'Mod. + wheel: 0' instruction. It features a prominent red diagonal watermark reading 'Hotter This music is copyright protected'. The score concludes with a final system ending with a dynamic ff.

Techn.

Perc. I

Perc. II

Perc. III

Synth. I

Synth. II

Synth. III

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The musical score is organized into six staves, each representing a different instrument or sound source. The instruments are identified by labels on the left side of the page: 'Techn.', 'Perc. I', 'Perc. II', 'Perc. III', 'Synth. I', 'Synth. II', and 'Synth. III'. The notation uses a grid system where vertical lines represent stems. Dynamics such as 'mp' (mezzo-forte), 'f' (fortissimo), and 'p' (pianissimo) are written above specific stems. A prominent red watermark reading 'This music is copyrighted material.' is repeated diagonally across the page. Measure numbers are present in some staves: '(4)' in the Synth. I staff, '1' in the Synth. II staff, and '(4)' in the Synth. III staff.

12

Techn.

Perc. I

Perc. II

Perc. III

Synth.
ISynth.
IISynth.
III

Octoban:

mf

This music is
copyrighted
by
noder

(6)

mm

mm

mm

L.P.ped. - H.S.ped

14

$$b = 96$$

$$(\leftarrow \text{d}, \parallel) = \text{d}^r$$

Techn.

2 : : : : 13

4

Pere. I

sfp *sfz*

11

Pere. II

A handwritten musical score for piano, page 10. The score is divided into two staves: treble and bass. The first measure starts with a dynamic 'mp'. The second measure begins with 'cresc.'. The third measure contains a tempo marking '5'. The fourth measure has a dynamic 'f'. The fifth measure ends with a fermata over a note. The handwriting is in black ink on white paper.

sp

Perc. III

5-1

Synth. I

2 3

4

Synth.
II

1-800-888-XXXX

三

Synth.

A horizontal line with vertical tick marks at regular intervals, likely a scale or ruler.

100

15

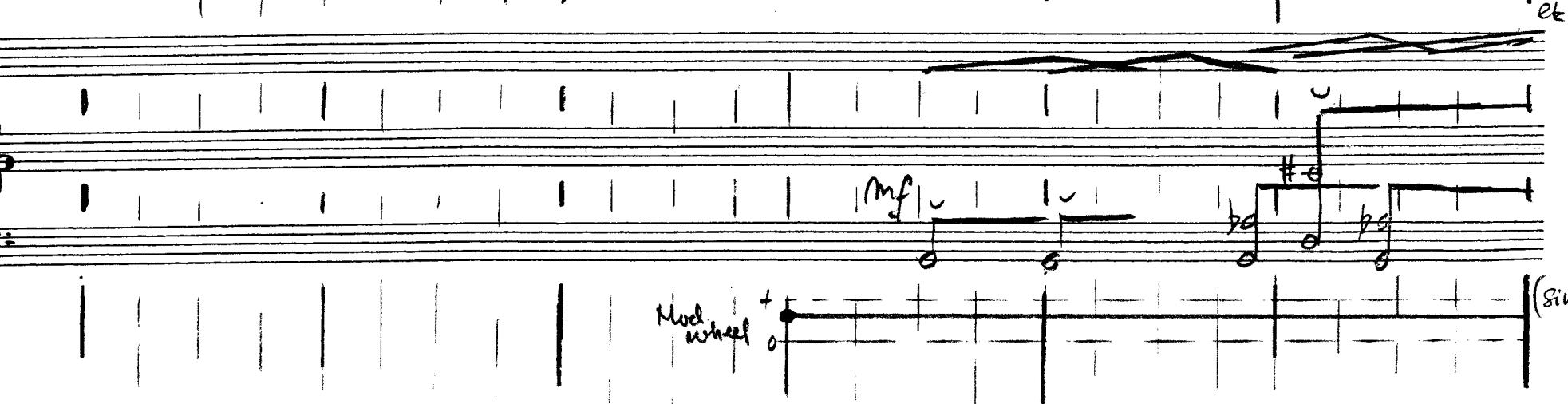
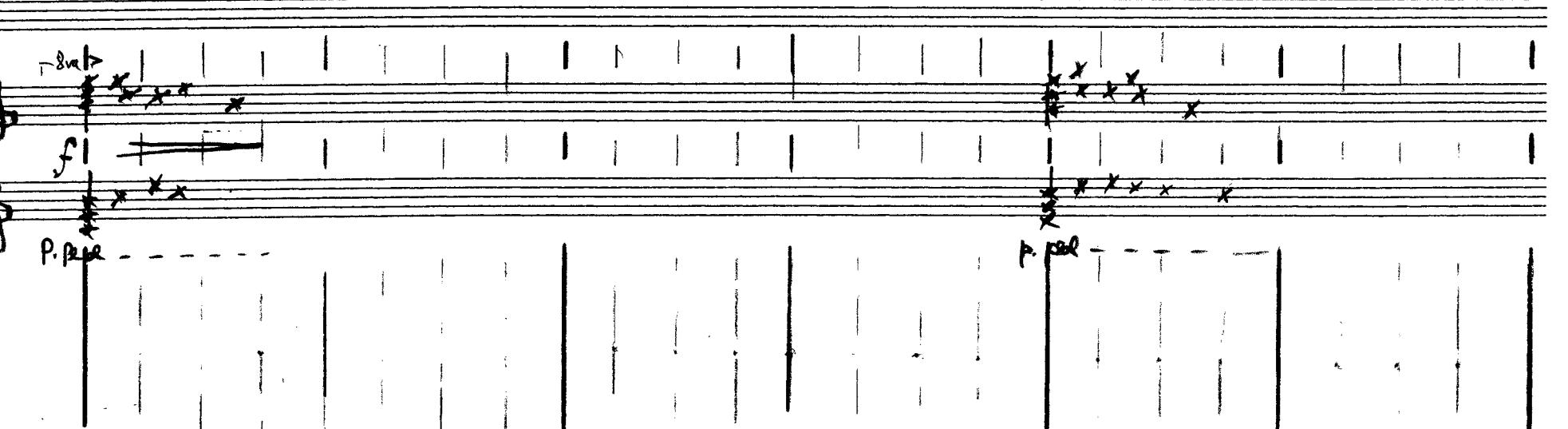
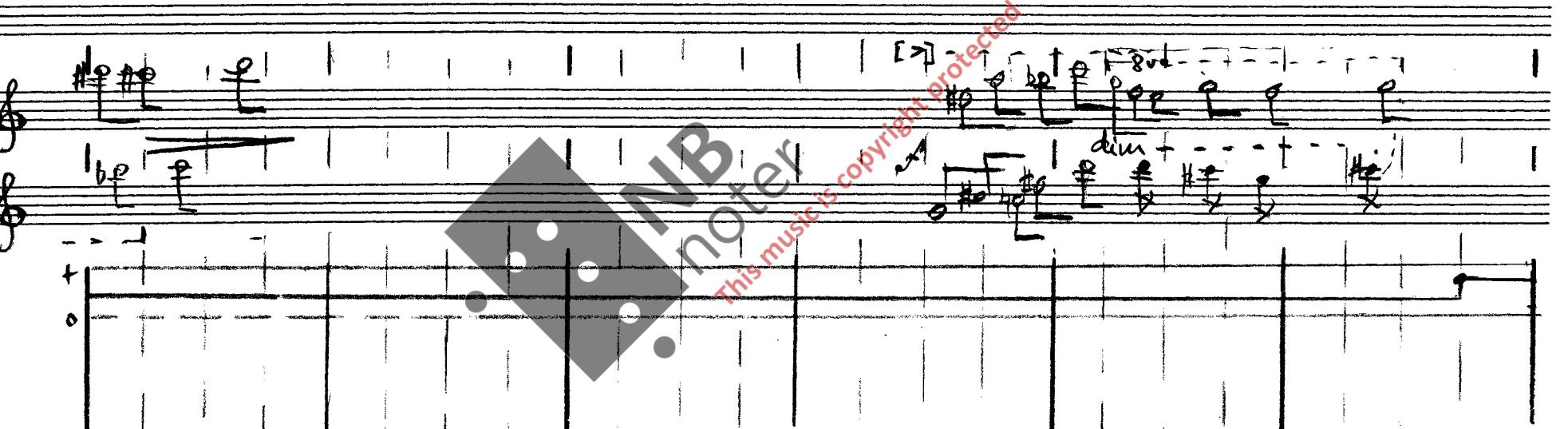
E

Techn.

Perc. I

Perc. II

Perc. III

Synth.
ISynth.
IISynth.
III

Techn.

Handwritten musical score for three percussive instruments (Perc. I, Perc. II, Perc. III) and three synthesizers (Synth. I, Synth. II, Synth. III). The score consists of six systems of music, each with a different key signature and time signature. The instruments play various rhythmic patterns and dynamics, such as ff, f, mf, and pp. The score is written on five-line staves with vertical bar lines indicating measures.

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by Noter

Synth.
I

Musical score for Synth. I. The first system shows a dynamic of mf. The second system shows a dynamic of pp. The third system shows a dynamic of ff. The fourth system shows a dynamic of cresc. The fifth system shows a dynamic of ff. The sixth system shows a dynamic of ff.

Synth.
II

Musical score for Synth. II. The first system shows a dynamic of ff. The second system shows a dynamic of mf. The third system shows a dynamic of ff. The fourth system shows a dynamic of cresc. The fifth system shows a dynamic of ff. The sixth system shows a dynamic of ff.

Synth.
III

Musical score for Synth. III. The first system shows a dynamic of ff. The second system shows a dynamic of ff. The third system shows a dynamic of ff. The fourth system shows a dynamic of ff. The fifth system shows a dynamic of ff. The sixth system shows a dynamic of ff.

Techn.

Perc. I

Perc. II

Perc. III

Synth. I

Synth. II

Synth. III

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Techn.

Perc. I

Perc. II

Perc. III

Synth.
ISynth.
IISynth.
III

CRESCENDO

CRESCENDO

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Techn.

Perc. I

Perc. II

Perc. III

Synth.
ISynth.
IISynth.
III

notes
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Mod. wheel +

Mod. wheel 0

Port. ped -

dim

(mp)

(H.V.)

Port. ped +

$\text{r}^3 \text{J} = \text{J} (=120) \rightarrow$

Techn.

Perc. I

Perc. II

Perc. III

Synth. I

Synth. II

Synth. III

(4)

(4)

(4)

(4)

1) [] = release key

2) release gradually keys
from preceding bar

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21

 $\text{d}=120$

Techn.

Perc. I

Perc. II

Perc. III

Synth.
ISynth.
IISynth.
III

3

2

3

2

3

2

3

2

3

2

|| b1 b2 | ♫ b1 | ♪ b2 | ♫ b1 | ♪ b2 | ♫ b1 | ♪ b2 | intrument

$\text{port. ped.} = \text{F} -$
Sost. ped. I

(♩ = 120)

Techn.

5

Perc. I

5

Perc. II

5

Perc. III

5

Synth.
I

5

Synth.
II

5

Synth.
III

5

Violin

Keep keys depressed, though no sound is heard

Violin

ff

(Release Keys)

Techn.

Perc. I

Perc. II

Perc. III

Synth. I

Synth. II

Synth. III

8va *dim*

(p) *(no reverb!)*

Mod. wheel

ff *mp* *p*

mf *ff*

key keys depressed, though no sound is heard

Techn.

Perc I : delay, reverb

dim

n

5

Perc. I

f

mp

dim

Perc. II

f

Perc. III

sfz

n

pp < mf

dim

p

5

Synth.
I

5

Synth.
II

5

K9 1)

etc

Synth.
III

bra---

b

b

/mp < > mp

mp < mp

/n

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NIB noter

Techn.

Perc. I

Perc. II

Perc. III

Synth. I

Synth. II

Synth. III

→ Metal chimes

(8)²⁾

NB
noter
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Modul. +
Modul. -
Mod. note 0

(depress keys silently)

[b] [e] [b] [e]

R.A. 18039/79

2b

Techn.

Perc. I: delay, reverb (transposition if possible)

Perc. I

Metal chimes

n → p

Perc. II

Perc. III

→ tam tam

tam tam:

n → mf

mf → f

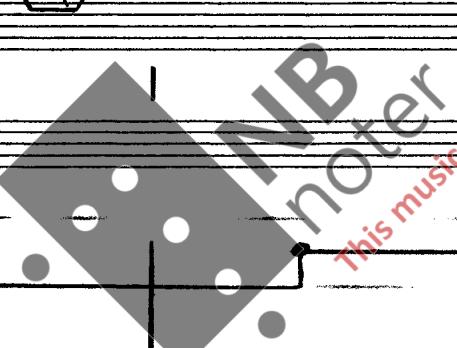
Synth.
I

9

r8va

(loco)

mf



Mod. wheel +

Mod. wheel 0

Synth.
II

mf

(7) (4) (3) (3)

Mod. wheel +

Mod. wheel 0

Synth.
III

r8va

bō

loco

bō

Mod. wheel +

Mod. wheel 0

27

Techn.

Page I

Pere. II

Perc. III

Synth.
I

Synth.
II

Synth



Techn.

Very sporadic (appr. 10 sounds per bar)

Perc. I

Perc. II

Perc. III

Synth.
I

K10

[U]

P

#s

mf

[E]

Synth.
II

MP

(Gm.)

Synth.
III

dim. poco a poco

Techn.

Perc. I

Perc. II

Perc. III

Synth. I

Bender:

Synth. II

Synth. III

effect formant: [oo] [i] [ah]

calando

N.B. note
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(--x)
(L.V.)
P
#P
8

H

stop treatment \rightarrow ? $\quad \downarrow$ start treatment \rightarrow
PI abruptly

Techn.

Peter T.

Pg. II

Page III

Synth. I

Synth.
II

Synth
III

31

Techn.

abrupt stop
all reverbs

extra long reverbs P_{III}, P_I

Perc. I

Perc. II

Perc. III

$\text{h} < \text{P} > \text{mf}$ $\text{mf} >$ pp

Synth. I

[v] → [x] → [v]

Mod. wheel

NB noter
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12

Synth. II

12

Synth. III

→ [x] [x] → [v] [v] → [x] → [v] → [x]

(sim.)

MP

L Sust. Pedal

Mf

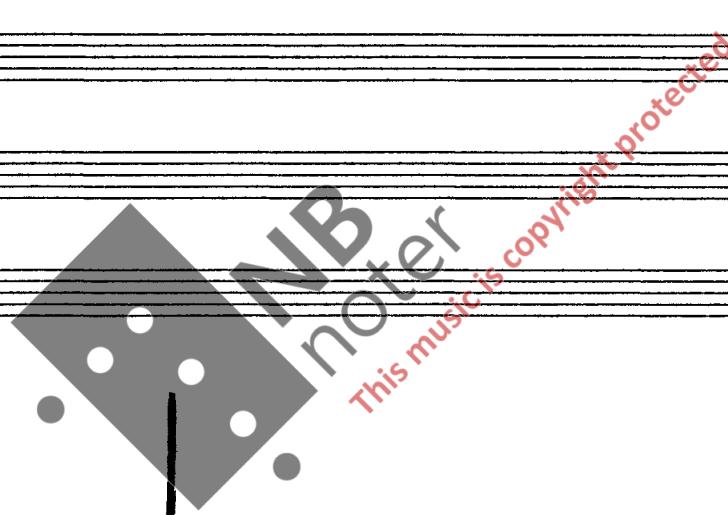
R.A. 18039/79.

Techn.

Perc. I

Perc. II

Perc. III

Synth.
ISynth.
IISynth.
III

Mp

Mod. vibrato

Mod. vibrato

33



Techn.

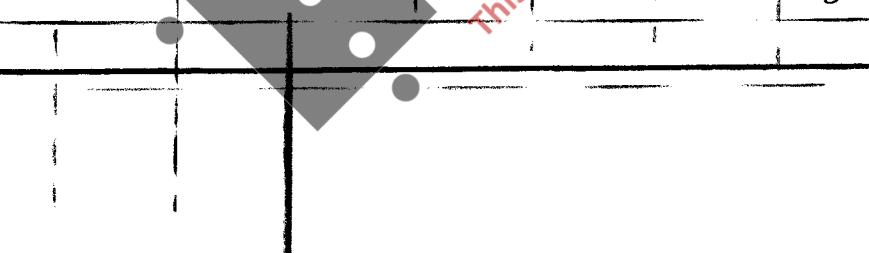
Perc. I

Perc. II

Perc. III

Synth.
ISynth.
IISynth.
III

This music is
copyright protected



mf

pp

mf

mf

mf

mf

mf

mf

mf

mf

Sust. pedal

Sust. pedal

Sust. pedal

(9)

(-)

(-)

(-)

Techn.

Musical score page 84, measures 1-10. The score includes parts for Techn., Perc. I, Perc. II, and Perc. III. Measures 1-9 show mostly rests or short notes. Measure 10 begins with a dynamic *p*, followed by *mp*, *mf*, and *sf*.

Synth.
I

Musical score page 84, measures 11-12. The Synth. I part features a melodic line with various note heads and stems. A large red watermark "This music is copyright protected" is overlaid across these measures.

Synth.
II

Musical score page 84, measures 13-14. The Synth. II part shows a continuation of the melodic line from the previous section, with complex note heads and stems.

Synth.
III

Musical score page 84, measures 15-16. The Synth. III part follows the same melodic pattern as the previous sections, maintaining the complex note heads and stems.

Techn.

4

3

Perc. I

Musical score for Percussion I. The score consists of five staves of music. The first staff has a dynamic of sf_2 . The second staff has a dynamic of sf_2 . The third staff has a dynamic of sf_2 . The fourth staff has a dynamic of sf_2 . The fifth staff has a dynamic of sf_2 .

Perc. II

Musical score for Percussion II. The score consists of five staves of music. The first staff has a dynamic of sf_2 . The second staff has a dynamic of sf_2 . The third staff has a dynamic of sf_2 . The fourth staff has a dynamic of sf_2 . The fifth staff has a dynamic of sf_2 .

Perc. III

Musical score for Percussion III. The score consists of five staves of music. The first staff has a dynamic of sf_2 . The second staff has a dynamic of sf_2 . The third staff has a dynamic of sf_2 . The fourth staff has a dynamic of sf_2 . The fifth staff has a dynamic of sf_2 .

4

3

Synth. I

Musical score for Synth I. The score consists of five staves of music. The first staff has a dynamic of sf_2 . The second staff has a dynamic of sf_2 . The third staff has a dynamic of sf_2 . The fourth staff has a dynamic of sf_2 . The fifth staff has a dynamic of sf_2 .

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13

Synth. II

Musical score for Synth II. The score consists of five staves of music. The first staff has a dynamic of sf_2 . The second staff has a dynamic of sf_2 . The third staff has a dynamic of sf_2 . The fourth staff has a dynamic of sf_2 . The fifth staff has a dynamic of sf_2 .

4

13

Synth. III

Musical score for Synth III. The score consists of five staves of music. The first staff has a dynamic of sf_2 . The second staff has a dynamic of sf_2 . The third staff has a dynamic of sf_2 . The fourth staff has a dynamic of sf_2 . The fifth staff has a dynamic of sf_2 .

10

7

3b

♩ = 96

← ♩ ♩ →

Techn.

2

15

(+) 3

Perc. I

11/3/4

Perc. II

Perc. III

2

15

(+) 3

Synth. I

11/3/4

Mod +
arched

Synth. II

11/3/4

Synth. III

11/3/4

37

5

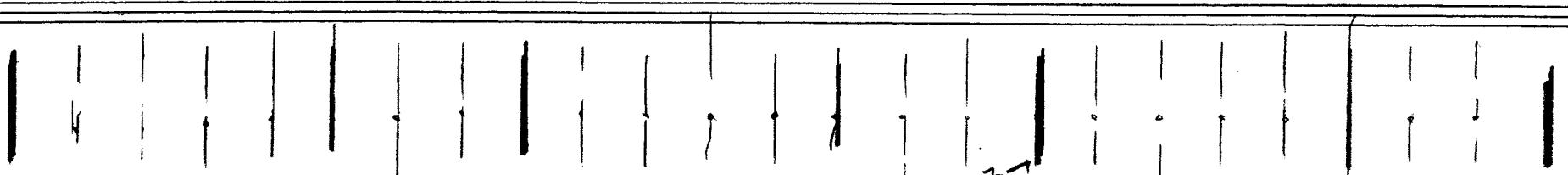
(+)

3

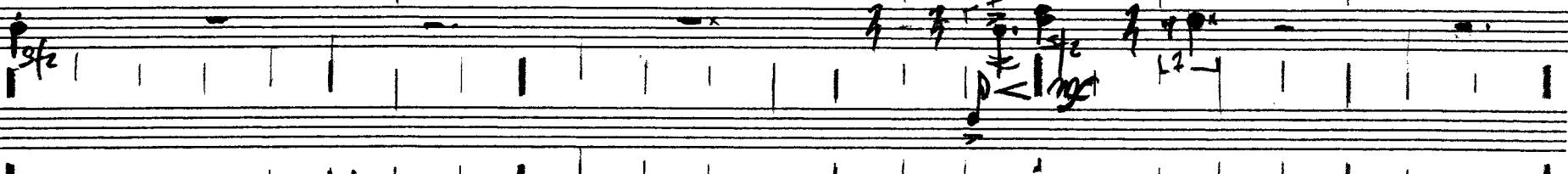
(Sim.)

J

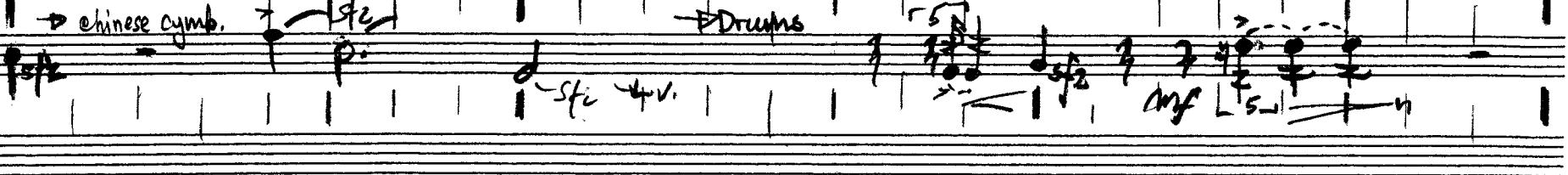
Techn.



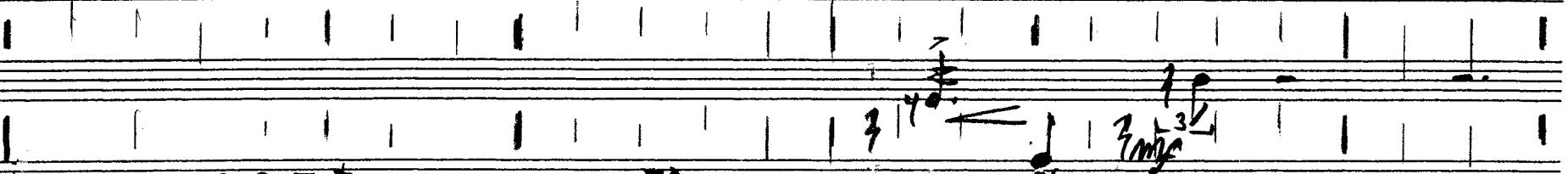
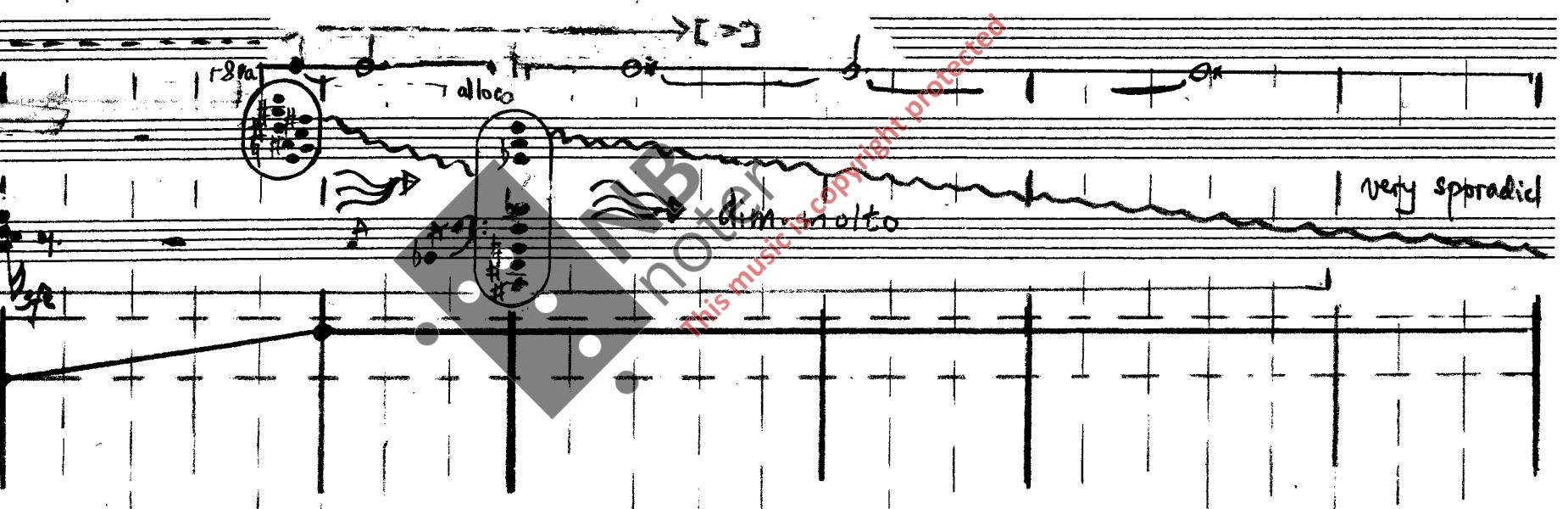
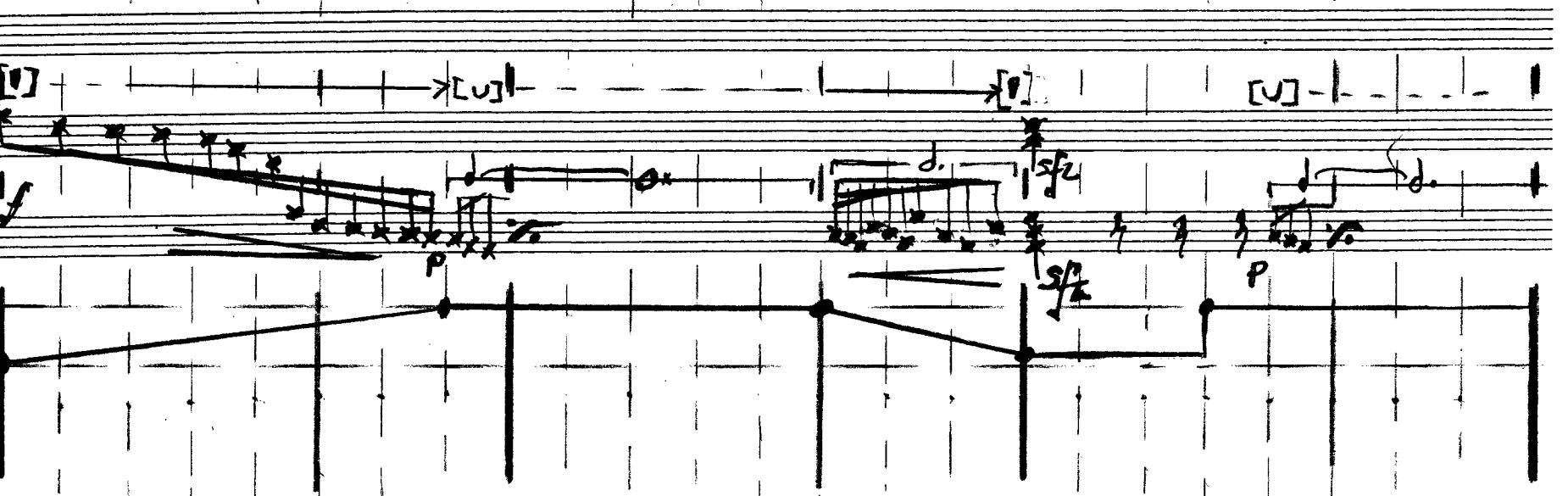
Perc. I



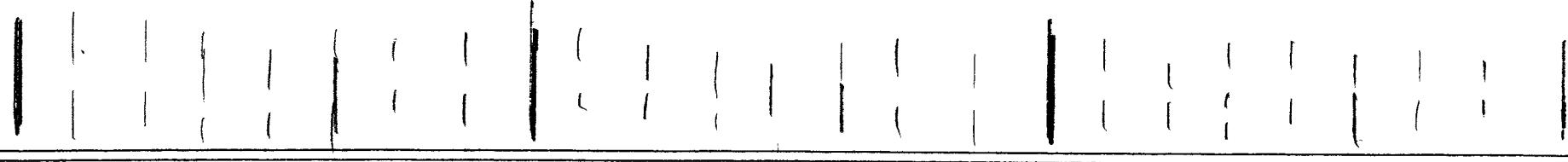
Perc. II



Perc. III

Synth.
ISynth.
IISynth.
III

Techn.



Perc. I

Handwritten musical score for Percussion I. The staff begins with a dynamic f , followed by a series of eighth-note patterns. Measures include sf , f , mp , and f . The key signature changes between $\# \frac{5}{2}$ and $\# \frac{6}{2}$.

Perc. II

Handwritten musical score for Percussion II. The staff begins with a dynamic f , followed by a series of eighth-note patterns. Measures include sf , f , mp , and f . The key signature changes between $\# \frac{5}{2}$ and $\# \frac{5}{3}$.

Perc. III

Handwritten musical score for Percussion III. The staff begins with a dynamic f , followed by a series of eighth-note patterns. Measures include sf , f , mp , and f . The key signature changes between $\# \frac{5}{2}$ and $\# \frac{5}{3}$.

Synth. I

Handwritten musical score for Synth I. The staff features a treble clef and a key signature of $\# \frac{5}{2}$. It includes a dynamic f , a sustained note with a wavy line, and a dynamic pp . A red watermark "This music is copyright protected" is overlaid on the staff. The score also includes a performance curve and a "Mod. wheel" control line.

Synth. II

Handwritten musical score for Synth II. The staff features a treble clef and a key signature of $\# \frac{5}{2}$. It includes dynamics f , sf , and p , along with a "Mod. wheel" control line.

Synth. III

Handwritten musical score for Synth III. The staff features a treble clef and a key signature of $\# \frac{5}{2}$. It includes a dynamic f and a "Mod. wheel" control line.

Techn.

Perc. I

Perc. II

Perc. III

Synth.
ISynth.
IISynth.
III

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40

Techn.

Per. I

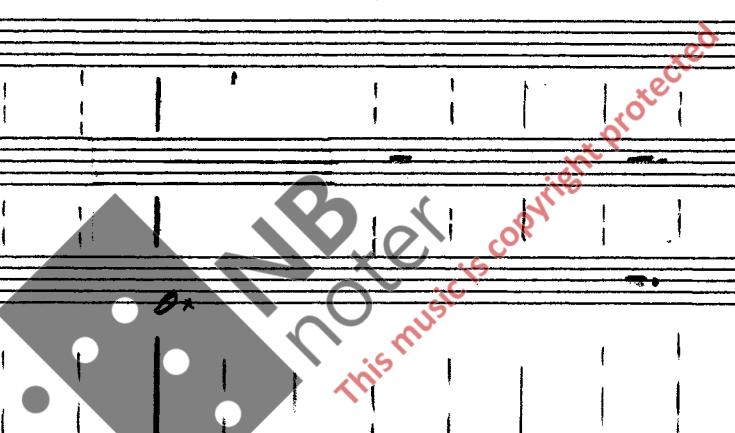
Pere II

Perc. III

Synth.
I

Synth.
II

Synth
III



41

 $\text{--} \uparrow \downarrow = \uparrow \downarrow$
 $= 144$

Techn.

Perc. I

Perc. II

Perc. III

Synth. I

Synth. II

Synth. III

NB *noter* *This music is copyright protected*

R.A. 18039/79

H2

K

Techn.

Perc. I

Perc. II

Perc. III

Synth.
ISynth.
IISynth.
III

14

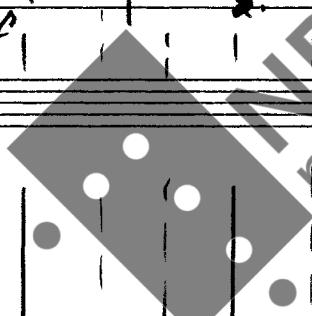
14

14

15

14

12

 This music is copyright protected

43

$$\left(\begin{smallmatrix} 3 & 2 & 1 \\ 2 & 1 & 3 \end{smallmatrix} \right) = 108$$

Techn.



9

Perc. I

Handwritten musical score for Percussion I. The score consists of two staves. The top staff has a tempo marking of $\frac{3}{8}$. The bottom staff has a tempo marking of $\frac{2}{8}$. Both staves feature various rhythmic patterns and rests.

Perc. II

Handwritten musical score for Percussion II. The score consists of two staves. The top staff has a tempo marking of $\frac{3}{8}$. The bottom staff has a tempo marking of $\frac{2}{8}$. Both staves feature various rhythmic patterns and rests.

Perc. III

Handwritten musical score for Percussion III. The score consists of two staves. The top staff has a tempo marking of $\frac{3}{8}$. The bottom staff has a tempo marking of $\frac{2}{8}$. Both staves feature various rhythmic patterns and rests.

~~9~~
~~6~~

Synth. I

Handwritten musical score for Synth. I. The score consists of two staves. The top staff has a tempo marking of $\frac{3}{8}$. The bottom staff has a tempo marking of $\frac{2}{8}$. Both staves feature various rhythmic patterns and rests. A large red diagonal watermark "N.B. Noter" and "This music is copyright protected" is overlaid across the middle of the page.

6

Synth. II

Handwritten musical score for Synth. II. The score consists of two staves. The top staff has a tempo marking of $\frac{3}{8}$. The bottom staff has a tempo marking of $\frac{2}{8}$. Both staves feature various rhythmic patterns and rests.

6

Synth. III

Handwritten musical score for Synth. III. The score consists of two staves. The top staff has a tempo marking of $\frac{3}{8}$. The bottom staff has a tempo marking of $\frac{2}{8}$. Both staves feature various rhythmic patterns and rests. The score includes a dynamic marking "cresc" and a crescendo line.

Techn.

9

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18

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22

23

24

25

26

Perc. I

Perc. II

Perc. III

Synth. I

Synth. II

Synth. III

2

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14

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27

Techn.

Perc. I

Perc. II

Perc. III

Synth. I

Synth. II

Synth. III

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46

L

 $\leftarrow \text{D.} = \text{d} \rightarrow$

|| b = 144

Techn.

Musical score page 46 showing six staves of music. The score includes parts for Techn., Perc. I, Perc. II, Perc. III, Synth. I, Synth. II, and Synth. III. The tempo is indicated as $b = 144$. The score features various rhythmic patterns, dynamic markings like sfp , $sffz$, and f , and performance instructions such as (sim) and f^{8va} . A large red watermark "This music is copyrighted material" is overlaid across the middle of the page.

The score consists of six staves:

- Techn. (Top Staff):** Shows a continuous pattern of vertical strokes and horizontal dashes.
- Perc. I:** Features a pattern of vertical strokes and horizontal dashes, with dynamic markings like sfp and $sffz$.
- Perc. II:** Shows a pattern of vertical strokes and horizontal dashes, with dynamic markings like sfp and $sffz$.
- Perc. III:** Features a pattern of vertical strokes and horizontal dashes, with dynamic markings like sfp and $sffz$.
- Synth. I:** Shows a pattern of vertical strokes and horizontal dashes, with dynamic markings like sfp and $sffz$.
- Synth. II:** Shows a pattern of vertical strokes and horizontal dashes, with dynamic markings like sfp and $sffz$.
- Synth. III:** Shows a pattern of vertical strokes and horizontal dashes, with dynamic markings like sfp and $sffz$.

47

Techn.

Per I

Page II

Perc. II

Synth.
I

Synth.
II

Synth.
III

48

=180

Techn.

5

(sim.)

Perc. I

~~sfz~~

Perc. II

~~sfz~~

Perc. III

~~sfz~~5
3Synth.
I

sfz

3

Synth.
II~~sfz~~

3

Synth.
III~~sfz~~

$$d = \frac{1}{2} \times 120$$

M

Techn.

Pere T

Ред. II

Per. III

Synth. I

Synth. II

Synth π

A handwritten musical score for three staves, measures 13 through 15. The score consists of three systems of music, each with three staves. Measure 13 starts with a forte dynamic (fff) on the first staff, followed by a sustained note with a dynamic change to ffz. Measure 14 begins with a dynamic ffz. Measure 15 starts with a dynamic ffz. The music features various rhythmic patterns, including eighth and sixteenth-note figures, and dynamic markings such as ff, ffz, and sffz. Measure 14 includes woodwind parts with slurs and grace notes. Measures 13 and 15 feature large vertical strokes and complex rhythmic patterns. A red watermark 'This music is copyright protected' is overlaid across the middle section.

50

 $\leftarrow \text{d} = \text{b} \rightarrow$ $\parallel b = 96$ $\leftarrow \text{d} = \text{b} \rightarrow$ $\parallel b = 120$

Techn.

Musical score for six instruments (Techn., Perc. I, Perc. II, Perc. III, Synth. I, Synth. II, Synth. III) over 12 measures. The score includes dynamic markings like f , p , sfp , and sfz . Measure 12 contains a tempo change from $b = 96$ to $b = 120$.

Instrumentation: Techn., Perc. I, Perc. II, Perc. III, Synth. I, Synth. II, Synth. III

Measure 1: Techn. (piano-like), Perc. I, Perc. II, Perc. III (piano-like), Synth. I, Synth. II, Synth. III (piano-like)

Measure 2: Techn. (piano-like), Perc. I, Perc. II, Perc. III (piano-like), Synth. I, Synth. II, Synth. III (piano-like)

Measure 3: Techn. (piano-like), Perc. I, Perc. II, Perc. III (piano-like), Synth. I, Synth. II, Synth. III (piano-like)

Measure 4: Techn. (piano-like), Perc. I, Perc. II, Perc. III (piano-like), Synth. I, Synth. II, Synth. III (piano-like)

Measure 5: Techn. (piano-like), Perc. I, Perc. II, Perc. III (piano-like), Synth. I, Synth. II, Synth. III (piano-like)

Measure 6: Techn. (piano-like), Perc. I, Perc. II, Perc. III (piano-like), Synth. I, Synth. II, Synth. III (piano-like)

Measure 7: Techn. (piano-like), Perc. I, Perc. II, Perc. III (piano-like), Synth. I, Synth. II, Synth. III (piano-like)

Measure 8: Techn. (piano-like), Perc. I, Perc. II, Perc. III (piano-like), Synth. I, Synth. II, Synth. III (piano-like)

Measure 9: Techn. (piano-like), Perc. I, Perc. II, Perc. III (piano-like), Synth. I, Synth. II, Synth. III (piano-like)

Measure 10: Techn. (piano-like), Perc. I, Perc. II, Perc. III (piano-like), Synth. I, Synth. II, Synth. III (piano-like)

Measure 11: Techn. (piano-like), Perc. I, Perc. II, Perc. III (piano-like), Synth. I, Synth. II, Synth. III (piano-like)

Measure 12: Techn. (piano-like), Perc. I, Perc. II, Perc. III (piano-like), Synth. I, Synth. II, Synth. III (piano-like)

NB
noter
This music is copyright protected

51

$\leftarrow \overbrace{J}^{5} = J \rightarrow$
 $J = 120$

Techn.

4

2

4

2

Perc. I

2

2

2

Perc. II

2

2

2

Perc. III

2

2

2

4

2

2

4

2

2

4

2

2

4

2

2



53

L=120

Techn.

1 | 1 | 1 | 2 | 4 | 1 | 1 | 3 | 1 | 2 | 1 |

Perc. I

Handwritten musical score for Percussion I. The score consists of five staves of music. The first staff starts with a dynamic *sfz mp*. The second staff starts with *mf*. The third staff starts with *mf*. The fourth staff starts with *mf*. The fifth staff starts with *mf*. Measures 1 through 4 are shown, followed by a repeat sign and measures 5 through 8.

Perc. II

Handwritten musical score for Percussion II. The score consists of five staves of music. The first staff starts with *mf*. The second staff starts with *mf*. The third staff starts with *mf*. The fourth staff starts with *mf*. The fifth staff starts with *mf*. Measures 1 through 4 are shown, followed by a repeat sign and measures 5 through 8.

Perc. III

Handwritten musical score for Percussion III. The score consists of five staves of music. The first staff starts with *mf*. The second staff starts with *mf*. The third staff starts with *mf*. The fourth staff starts with *mf*. The fifth staff starts with *mf*. Measures 1 through 4 are shown, followed by a repeat sign and measures 5 through 8.

1 | 1 | 1 | 2 | 4 | 1 | 1 | 3 | 1 | 2 | 1 |

Synth. I

Handwritten musical score for Synth I. The score consists of five staves of music. The first staff starts with a dynamic *f*. Measures 1 through 4 are shown, followed by a repeat sign and measures 5 through 8.

2 · 4 · | 3 | 2 |

NB noter
This music is copyright protected

Synth. II

Handwritten musical score for Synth II. The score consists of five staves of music. Measures 1 through 4 are shown, followed by a repeat sign and measures 5 through 8.

2 | 4 | 3 | 2 |

Synth. III

Handwritten musical score for Synth III. The score consists of five staves of music. Measures 1 through 4 are shown, followed by a repeat sign and measures 5 through 8.

2 | 4 | 3 | 2 |

54

Techn.

5

Perc. I



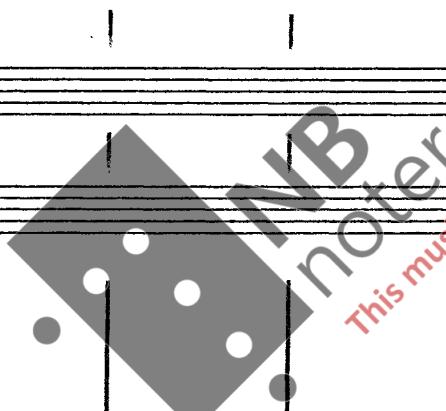
Perc. II



Perc. III

Synth.
I

5

Synth.
II

5

Synth.
III

5

55

 $\leftarrow \text{d} = \text{b} \rightarrow$ $\text{b} = 96$

O

Techn.

2

even.

4

Perc. I

2

sfz

ff

ff

sfz

← 3 →
5b | J = 72

← d. = d →

J = 96

Techn.

13

14

Perc. I

Perc. II

Perc. III

13

14

Synth.
I

3

4

Synth.
II

17

3

4

Synth.
III

3

4

NB
noter
This music is copyright protected

57

d=120

Techn.

Perc. I

Perc. II

Perc. III

Synth.
ISynth.
IISynth.
III

5

5

5

ef

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by Noter

The musical score consists of seven staves, each with a unique set of markings and dynamics. The staves are labeled on the left: Techn., Perc. I, Perc. II, Perc. III, Synth. I, Synth. II, and Synth. III. Measure numbers 5 and 5 are prominently displayed on the staves for Percussion I, Percussion II, Percussion III, and Synthesizer I respectively. The score includes various musical notation elements such as notes, rests, dynamics (e.g., sforzando, crescendo), and performance instructions (e.g., 'gliss.', 'Port. ped.', 'blender'). A large red watermark 'Copyright protected by Noter' is diagonally across the page.

Techn.

Perc. I

Perc. II

Perc. III

Synth. I

Synth. II

Synth. III

This page contains six staves of handwritten musical notation. The staves are labeled on the left: Techn., Perc. I, Perc. II, Perc. III, Synth. I, Synth. II, and Synth. III. The notation includes various musical symbols such as notes, rests, and dynamics. There are also several handwritten performance instructions and controller settings. A large red watermark 'N.B. Noter' and 'The music is copyright protected' is overlaid across the middle of the page.

- Percussion I:** Staff 1. Measure 1: Dynamics: p , f , sfz . Measure 2: Dynamics: sfz . Measure 3: Dynamics: f . Measure 4: Dynamics: f .
- Percussion II:** Staff 2. Measure 1: Dynamics: sfz . Measure 2: Dynamics: sfz . Measure 3: Dynamics: sfz .
- Percussion III:** Staff 3. Measure 1: Dynamics: sfz . Measure 2: Dynamics: sfz . Measure 3: Dynamics: sfz .
- Synthesizer I:** Staff 4. Measure 1: Dynamics: $(sim.)$. Measure 2: Dynamics: p , ped . Measure 3: Dynamics: $acc.$
- Synthesizer II:** Staff 5. Measure 1: Dynamics: $(crese)$. Measure 2: Dynamics: $Mod. wheel$. Measure 3: Dynamics: $sim.$
- Synthesizer III:** Staff 6. Measure 1: Dynamics: $(p. ped)$. Measure 2: Dynamics: $acc.$

59

 $\leftarrow \text{d} = \text{d} \rightarrow$
 $\text{d} = 96$

Techn.

3 2 3 4 3

Perc. I

Perc. II

Perc. III

3 2 3 4 3

Synth. I

3 2 3 4 3

Synth. II

3 2 3 4 3

Synth. III

1) Do not release the keys

60

P

 $\leftarrow \overset{3}{\text{J}} \rightarrow$
 $\text{J} = 72$

1) lunga

Techn.

3

2

3

2 2

Perc. I

→ chimes

Perc. II

→ chimes/cymbals

Perc. III

lunga

3

2

3

2 2

Synth.
I

3

2

3

2 2

Synth.
II

3

2

3

2 2

Synth.
III

16

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Mod. wheel

18

Mod wheel

14

1) dur: 4"

R.A. 18039/79.

b1

$$\leftarrow \overbrace{b}^b = b \rightarrow \\ || \quad | = 60$$

add delay etc. to PE

Drum records

Techn.

5

Metal/glass chimes:

ff

I + mp

dim

Perc. I

chinese gongs:

ff

Octoban

p

Perc. II

Perc. III

5

Synth.

I

ff

||

+ 5

+ 5

+ 5

+ 5

+ 5

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62

Techn.

Pers. T

Pere II

Perr III

Synth.
T

Synth. II

Synth III

→ kettle drum.

Kettle drum: much reverb.

Techn.

Perc. I

Perc. II

Perc. III

Synth.
ISynth.
IISynth.
III

PPP

PP

MP

PP

PP

NB
noter
This music is copyright protectedSust. ped.
Port. ped.
Mod. wheel

#P

[e]

[H-E]

Mod. wheel

(far away)

(far away)

Techn.

PI, II, III : take away reverb. > (close)

Perc. I

Perc. II

Perc. III

Synth.
ISynth.
IISynth.
IIINB
noter
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Handwritten musical score page 64. The score consists of seven staves, each with a specific instrument name and associated markings. The instruments are: Techn. (Technique), Perc. I, Perc. II, Perc. III, Synth. I, Synth. II, and Synth. III. The score includes various musical markings such as dynamics (e.g., f, ff, sfz, ffz, pp), articulations (e.g., accents, slurs, grace notes), and performance instructions (e.g., 'take away reverb', 'dim.', 'sust. ped.', 'Mod. + wheel'). A large red watermark 'NB noter This music is copyright protected' is overlaid across the middle of the page.

b5

Techn.

Perc. I

Perc. II

Perc. III

Synth. I

Synth. II

Synth. III

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2

(8) (8)

I (8) II (8)

3

1 7 6 5 4 3 2 1
I(6)

2 7 6 5 4 3 2 1
II(6)

3 7 6 5 4 3 2 1
III(6)

A B C D

R.A. M.M.-PAPIR A.4

4

7 6 5 4 3 2 1
I(4)

7 6 5 4 3 2 1
II(5)

7 6 5 4 3 2 1
III(5)

7 6 5 4 3 2 1
IV(4)

b c d

5

7 6 5 4 3 2 1
I(3)

7 6 5 4 3 2 1
II(4)

7 6 5 4 3 2 1
III(4)

7 6 5 4 3 2 1
IV(4)

7 6 5 4 3 2 1
V(3)

7

I(1) II(4) III(3) IV(2) V(3) VI(4) VII(1)

I(2) II(4) III(3) IV(3) V(4) VI(2)

8

I(1) II(3) III(3) IV(3)

(1+9=5) (3+3=6) (3+3=6) (1+1=5)

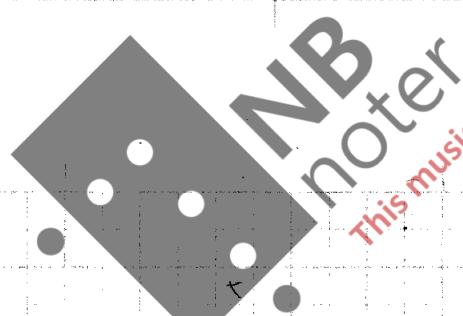
I(1) II(2) III(2) IV(2)

(2+7=9) (2+7=9) (2+7=9) (2+7=9) (2+7=9) (2+7=9)

9

10

H E F A



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R. A. MAMPAPR. A.4

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16