

The Question Mark's Black Ink

for piano, percussion, and tape

Bill Alves



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The tape is available in two formats: four-track analog (quarter-inch) or digitally encoded video tape (16-bit PCM or delta modulation) with the following configurations:

<u>Analog tape</u>	<u>Digital tape</u>	<u>Contents</u>
Track 1	Digital left channel	Audio left channel
Track 2	Digital right channel	Audio right channel
Track 3	Linear audio left channel	Click track to be sent to percussionist's headphones
Track 4	Linear audio right channel	Click track to be sent to pianist's headphones

The instruments should not be amplified.

Percussion instruments (1 player): 31-inch tam-tam (or as close to that size as is available), vibraphone, glockenspiel (bells), 3 different sized suspended cymbals, 6 small gongs of graduated sizes on a padded table, mallets, bow.

The pianist is required to bow the piano. This can be done with: 1) a rosined wooden or fiberglass dowel about 1/8 inch in diameter, 2) pre-threaded rosined fishing line or thread, or 3) anything else which produces the same effect without amplification.

The tape was realized on a Synclavier™ II digital synthesizer using as sound sources the same piano and percussion sounds which are played live.

This work is dedicated to S. L. Hough and to Vicki Ray (piano) and Mark Nicolay (percussion) who commissioned the piece and first performed it.

Approximate duration: 16:45

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A

0:20.0

TAPE

Sequences 5,6
Track 1
High called Tam-tam 1

z

pp < >

Perc.

31 inch Tam-tam

ppp Gradual overall crescendo to letter G

Piano

Bowed

f

Ped →

B
0:38.0

The musical score consists of several staves. The top section contains five staves for string instruments, each with a clef. The bottom section contains three staves: a Tam-tam staff with a double bar line and a tam-tam symbol, a Piano staff with a grand staff clef, and a Pedal staff with the label "Ped →".

Annotations in the string staves include:

- A horizontal line with a circle at the start, labeled "2.4''".
- Below this line, the text "p cresc./decresc. sim each note".
- On the right side, a horizontal line with a circle at the start, labeled "p".
- Further right, a vertical arrow pointing down from the time "0:52.4" to the time "2.8''".

C

1:04.2

Musical score for strings and piano. The score consists of five staves for strings (Violin I, Violin II, Viola, Violoncello, Contrabasso) and one staff for piano. The piano part includes a 'Ped' (pedal) marking with an arrow pointing right. The string parts feature several performance markings:

- Violoncello staff: A box labeled 'Track 2' is present. A performance marking at 1:14.1 shows a downward arrow followed by '3.6"'. Another marking at 1:22.6 shows a downward arrow followed by '4.0"'. The dynamic marking 'mp' is written below the staff.
- Violoncello/Contrabasso staff: A performance marking at 1:18.3 shows a downward arrow followed by 'pp cresc.'. The dynamic marking 'mp' is written below the staff.
- Violoncello/Contrabasso staff: A performance marking at 3.2" shows a horizontal line with a circle at the start. The dynamic marking 'mp' is written below the staff.

Tam-tam

Piano

Ped →

D

1:30.3

1:47.3
↓ 5.6"
#0
mf

Track 3

1:37.2
↓ 4.8"

Track 4

1:43.5
↓ 5.2"

4.4"

1:54.7
↓ 6.0"

p cresc.

Tam-tan

f

Piano

Ped →

The image shows a handwritten musical score for tracks 3 and 4. It consists of several staves. The top staff is a grand staff (treble and bass clefs). Below it are two staves labeled 'Track 3' and 'Track 4'. The bottom two staves are labeled 'Piano' and 'Ped →'. There are also staves for 'Tam-tan' and 'Piano' (lower). The score includes various musical notations such as notes, rests, and dynamic markings like 'mf', 'p', and 'cresc.'. Time and duration markings are present throughout, such as '1:30.3', '1:37.2', '1:43.5', '1:47.3', and '1:54.7', along with durations like '4.4"', '4.8"', '5.2"', and '6.0"'. A 'Ped →' marking is at the bottom left.

Handwritten musical score for multiple tracks. The score includes the following elements:

- Track 5:** Starts at 2:09.2 with a dynamic of *f*. A time marking of 7.2" is shown. A box labeled "Track 5" is present.
- Track 6:** Starts at 2:13.5 with a dynamic of *f*. A time marking of 7.6" is shown. A box labeled "Track 6" is present.
- Track 7:** Starts at 2:21.5 with a dynamic of *f*. A time marking of 8.4" is shown. A box labeled "Track 7" is present.
- Other Tracks:**
 - One track starts at 2:09.6 with a dynamic of *f* and a time marking of 6.9".
 - Another track starts at 2:17.6 with a dynamic of *f* and a time marking of 8".
 - A track starts at 2:26.2 with a dynamic of *f* and a time marking of 8.8".
 - A track starts at 2:28.7 with a dynamic of *f* and a time marking of 9.2".
- Other Notations:**
 - A track contains the instruction *mp cresc.*
 - A track is labeled "Tam-tam" with a double bar line and a repeat sign.
 - The Piano section is labeled "Piano" and includes a "Ped →" instruction.

F

2:35.2

10.0"

2:51.2

12.4"

2:32.0

9.6"

2:46.4

11.6"

2:48.9

12.0"

2:53.4

12.6"

2:41.1

10.8"

Track 9

ff

Track 10

2:57.5

11.4"

ff

2:43.8

11.2"

ff

2:59.4

2:38.2

10.4"

ff

2:55.5

13.4"

ff

ff

ff

mf cresc.

mp

Tam-tam

Piano

Ped →

G

3:08.9

3:04.5 ↓ 4.4"

3:01.2 ↓ 2.7" ff

3:02.9 ↓ 6.0" ff

3:06.0 ↓ 2.9" ff

3:11.8 ↓ 1.4" f

3:13.3 ↓ 2.8" f

3:14.9 ↓ 4.2" f

3:16.6 ↓ 5.6" mf

3:18.4 ↓ 7.0" mf

3:20.3 ↓ 8.4" mf

3:22.3 ↓ 9.8" mf

3:24.4 ↓ 9.4" mf

3:26.6 ↓ 12.6" mp

3:28.9 ↓ 10.7" mp

Sequence 8
Bowed Tam-tam

Tam-tam

cut off Bowed

mf f

On the keyboard

f

Piano

Ped →

8 1'

H

3:45.0
(♩ = 132)

Sequence 1

3:39.6
↓
p dim

3:42.6
↓
p dim

3:31.4
↓
mp

3:36.7
↓
p dim

3:34.0
↓
mp

Click track 1
(over percussionist's headphones)

Click track 2
(over pianist's headphones)

Tam-tam

Piano

Plucked with the finger

Ped →

I

The first system consists of four staves of music. The top two staves are in treble clef, and the bottom two are in bass clef. The music is written in a key signature of one flat (B-flat major or D minor) and a 4/4 time signature. The notation includes various note values, rests, and phrasing slurs. The first staff has a melodic line with slurs. The second staff has a similar melodic line. The third staff has a more rhythmic line with eighth and sixteenth notes. The fourth staff has a bass line with long notes and some rests.

Vibes

mp
Ped →

Piano
(ped)

Ped →

The Vibes and Piano parts are shown in two staves. The Vibes staff is in treble clef and contains a few notes with a dynamic marking of *mp* and a pedaling instruction. The Piano staff is in bass clef and contains a few notes with a pedaling instruction. The rest of the staves in this section are empty.

J

Handwritten musical score for four staves. The notation includes various rhythmic values, slurs, and dynamic markings. The dynamic marking *mp* (mezzo-piano) is present in each of the four staves. The music is written in a common time signature.

Vibes

Handwritten musical score for Vibraphone. The notation includes various rhythmic values and slurs. A marking *Ped* with an arrow pointing right is located below the first few notes.

Piano (Plucked)

Handwritten musical score for Plucked Piano. The notation includes various rhythmic values and slurs. A marking *mp* is present at the beginning, and a marking *Ped* with an arrow pointing right is located below the first few notes.

K

Handwritten musical score for a four-part ensemble. The score consists of four staves. The top two staves are in treble clef, and the bottom two are in bass clef. The music features complex rhythmic patterns, including eighth and sixteenth notes, and rests. There are various articulation marks and dynamic markings throughout the piece.

Vibes

Handwritten musical score for Vibes. The staff is in treble clef. It includes dynamic markings such as *mf* and *sim*. Performance instructions include "Dead stick" and "Ped →".

Piano

Handwritten musical score for Piano. The staff is in treble clef. It includes the instruction "Dampen" and "Ped →".

L

A musical score consisting of five staves. The top staff is in treble clef, and the bottom four staves are in bass clef. The music features a complex rhythmic pattern with many eighth and sixteenth notes. The dynamic marking *mf* (mezzo-forte) is written below the second, third, fourth, and fifth staves.

Vibes

A musical score for Vibes, consisting of a single staff in treble clef. The music features a melodic line with some chromaticism. A *Ped* marking with an arrow pointing right is located below the first few notes.

Piano

A musical score for Piano, consisting of two staves in grand staff (treble and bass clefs). The music features a melodic line in the treble clef and a supporting bass line. A *Ped* marking with an arrow pointing right is located below the first few notes.

M

The musical score consists of several staves. The top four staves are for a string ensemble, with dynamics marked *f* (forte) starting in the fifth measure. The fifth staff is for Vibes, with a *Ped* (pedal) marking at the beginning and another *Ped* marking in the fifth measure. The sixth staff is for Piano (Plucked), with a *Ped* marking at the beginning and a *mf* (mezzo-forte) marking in the fifth measure. A *Click track 2* section is indicated between the Vibes and Piano staves, showing a rhythmic pattern of eighth notes. The score includes various musical notations such as notes, rests, and slurs.

N

Handwritten musical score for five staves. The notation includes eighth and sixteenth notes, rests, and various accidentals (flats and naturals). The staves are arranged vertically, with the top staff being the highest pitch and the bottom staff the lowest.

Bells

Vibes

Click track 2

Piano (ucked)

Ped →



Handwritten musical score for the first system, consisting of five staves. The notation includes various rhythmic patterns and accidentals. A box labeled "Sequence 7" is present on the fourth staff. The bottom staff features a long, flowing line with a "p cresc." marking and an "mf 8" marking at the end.

Click track 1

 etc

Bells
 Vibes
 Ped →

Handwritten musical score for Bells and Vibes. The Vibes part includes a "Ped →" marking. The notation shows sustained notes with various dynamics.

Click track 2
 Ped
 $\text{III} = \text{III}$
 $\text{III} = \text{III}$
 etc

Piano (Plucked)
 Ped →

Handwritten musical score for Piano (Plucked). The notation shows a series of notes with a "Ped →" marking at the beginning.

P

Handwritten musical score for the first system, consisting of five staves. The notation includes various rhythmic values such as eighth and sixteenth notes, rests, and beams. The bottom staff features a series of notes with a dashed line underneath, possibly indicating a specific performance technique or a continuation of a pattern.

Click track 1

Click track 1 notation showing a sequence of rhythmic pulses on a staff, with the word "etc" at the end.

Bells

Vibes

Ped →

Handwritten musical score for Bells and Vibes. The Bells part is on a single staff with notes. The Vibes part is on a single staff with notes and a "Ped →" instruction.

Click track 2

Click track 2 notation showing a sequence of rhythmic pulses on a staff, with a "1532" pattern and the word "etc" at the end.

Piano (Plucked)

Ped →

Handwritten musical score for Piano (Plucked). The notation shows notes with a "Ped →" instruction. The notes are labeled with "ba" and "bā" above them.

Q

Sequence 8

Main musical score for strings and piano. It consists of seven staves. The top staff has a box labeled "Sequence 8" with a circled 'Q' above it. Dynamic markings include *pp*, *mp*, and *pp*. A *dim.* marking is present in the lower part of the score. The score features complex rhythmic patterns and melodic lines.

Percussion and piano accompaniment section. It includes three staves: Bells, Vibes, and Piano (plucked). The Bells and Vibes parts consist of rhythmic patterns. The Piano (plucked) part has a *Ped* marking. A "Click track 2" section is shown with a rhythmic pattern and notes. Dynamic markings include *ba*, *bd*, and *bo*.

R

Musical score for the top section, consisting of five staves. The notation includes various rhythmic values, accidentals, and dynamic markings such as *mf* and *pp*. A *dim* marking is present in the first measure of the bottom staff. The staves are connected by a dashed line.

Click track 1

Bells

Vibes

Ped →

Click track 2

etc.

On the keyboard

Piano (Plucked)

Ped →

S

This page contains a handwritten musical score for a percussion ensemble. The score is organized into three main systems of staves:

- Top System:** Five staves. The top staff features complex rhythmic patterns with notes beamed together and slurs. Dynamic markings include *pp*, *cresc.*, *mf*, *dim*, and *pp*. The bottom staff of this system has a *mp* marking.
- Middle System:** Three staves. The top staff is for Bells, the middle for Vibes, and the bottom for Piano. The Vibes part includes a *Ped* (pedal) marking with an arrow pointing right. The Piano part also includes a *Ped* marking with an arrow pointing right.
- Right Side:** Two "Click track" staves, labeled "Click track 1" and "Click track 2", which provide a rhythmic reference for the ensemble.

The score includes various musical notations such as notes, rests, slurs, and dynamic markings, all written in black ink on a white background.

T

Main musical score for strings and woodwinds. It consists of five staves. The notation includes various rhythmic patterns, primarily eighth and sixteenth notes, with rests. Dynamics markings include *p* (piano) and *pp cresc.* (pianissimo crescendo). There are also some accidentals, such as flats and naturals.

Click track 1 (cont)

Click track 1

Musical score for Bells, Vibes, and Piano. It consists of three staves. The Bells staff has a melodic line with notes and rests. The Vibes staff has a similar melodic line with notes and rests. The Piano staff has a bass line with notes and rests. There are dynamic markings like *ped* (pedal) and *8* (octave). There are also some accidentals, such as flats and naturals. A dashed line is drawn across the Piano staff, and a 'T' is written above it.

Click track 2

U

Musical score for strings and woodwinds. The score consists of five staves. The first staff has a treble clef and contains dynamic markings: *(cresc.)*, *f dim*, and *pp*. The second staff has a treble clef and contains notes with flats (Bb, Eb) and rests. The third staff has a treble clef and contains notes with flats (Eb, Ab) and rests. The fourth staff has a treble clef and contains notes with flats (Bb, Eb) and rests. The fifth staff has a treble clef and contains notes with flats (Bb, Eb) and rests.

Musical score for Bells and Vibes. The Bells staff (top) has a treble clef and contains notes with accents and a dynamic marking *mp*. The Vibes staff (bottom) has a treble clef and contains notes with sharps (F#, C#) and rests.

Musical score for Piano. The score consists of two staves. The top staff has a treble clef and contains notes with flats (Bb, Eb) and rests, with a dynamic marking *mp*. The bottom staff has a bass clef and contains notes with flats (Bb, Eb) and rests, with a dynamic marking *mp*. The text "Click track 2 (cont)" is written above the top staff. The word "etc" is written at the end of the top staff.

V

Musical score for V, featuring Bells, Vibes, and Piano. The score is written in 4/4 time and consists of three staves. The top staff is for Bells, the middle for Vibes, and the bottom for Piano. The key signature is one flat (B-flat).

Bells: The top staff features a series of chords, each consisting of a quarter note and a half note, with a crescendo marking (*pp* *cresc.*) at the beginning.

Vibes: The middle staff features a series of quarter notes, with a forte marking (*f*) at the beginning.

Piano: The bottom staff features a series of chords, each consisting of a quarter note and a half note, with a mezzo-forte marking (*mf* *cresc.*) at the beginning. A dashed line is drawn above the staff.

W

(cresc.)

ff. Sequence 2

Click Track 1

Bells

Stick across Tam-Tam

Six gangs on padded table

f

Click track 2

Piano

f

Ped

Musical notation for the top staff, featuring a treble clef and a key signature of two flats. The melody consists of eighth and sixteenth notes with various rests and ties. The bass line below it features sustained chords with a fermata over the first two measures.

Gongs

Musical notation for the Gongs part, showing a rhythmic pattern of eighth notes and rests on a single staff.

Piano

Musical notation for the Piano part, including a bass clef, a key signature of two flats, and a "Ped 8" marking. The piece concludes with a "loco" marking.

X

Musical score for the top system, featuring a vocal line and piano accompaniment. The vocal line is in treble clef with a key signature of two flats. The piano accompaniment is in bass clef. Dynamics include *mp* and *p*. The music concludes with a fermata over a whole note chord.

Click Track 1

Musical score for the middle system, featuring Gong and Click Track 1. The Gong part is in treble clef with a key signature of two flats, marked with accents and a dynamic of *p*. The Click Track 1 part is a rhythmic track with 'x' marks. Annotations include "3 sus. cymbals: z z z" and "With Rattan".

Click Track 2

Musical score for the bottom system, featuring Piano and Click Track 2. The Piano part is in bass clef with a key signature of two flats, including dynamic markings like *ff* and *mp*. The Click Track 2 part is a rhythmic track with 'x' marks. Annotations include "Red" and "A sim".

Click track 1 sim.

sus cym

Click track 2 sim.

Piano

This musical score is for page 27 and consists of several staves. At the top, there are two staves for a piano accompaniment. The upper staff is in treble clef with a key signature of two flats (B-flat and E-flat), and the lower staff is in bass clef with the same key signature. The piano part features a complex melodic line with many accidentals and a steady bass line. A measure rest of 8 measures is indicated above the piano staff. Below the piano staves are two staves for gongs, labeled 'sus cym' and 'Gongs'. The gong part consists of rhythmic patterns of notes and rests. Above the gong staves are two staves for click tracks, labeled 'Click track 1' and 'Click track 2', which provide a rhythmic reference. The gong part includes dynamic markings such as 'p' (piano) and 'f' (forte), and a 'cut off' instruction. The piano part also includes a 'f' marking. The score is divided into two systems by a dashed line. The first system covers the piano and gong parts, and the second system continues the piano part.

Track 3

Sequence 5a

515.8 51.2" *p*

517.6 51.4" *p*

513.5 58.5" *p*

511.4 60.6" *p*

Tracks 1,2

p

dim *pp*

dim *pp*

Gongs

Click track 1

Click track 2

To Bells

mp

Piano

8

Handwritten musical notation for strings, consisting of five staves. The notation includes notes and rests with various markings:

- Staff 1: A note with a circled 'o' above it. Below the staff, a horizontal line is marked with a downward arrow and the text "521.9 50.1\"".
- Staff 2: A note with a circled 'o' and a sharp symbol (#) above it. Below the staff, a horizontal line is marked with a downward arrow and the text "520.3 3.2\"".
- Staff 3: A note with a circled 'o' and a sharp symbol (#) above it. Below the staff, a horizontal line is marked with a downward arrow and the text "532.6 4.5\"".
- Staff 4: A note with a circled 'o' above it. Below the staff, a horizontal line is marked with a downward arrow and the text "518.5 37.5\"".
- Staff 5: A note with a circled 'o' above it. Below the staff, a horizontal line is marked with a downward arrow and the text "P 0".

Click track 1 sim

Bells

Handwritten musical notation for Bells, featuring a single staff with a treble clef and a key signature of one sharp (F#). The notation includes a series of notes with various accidentals and dynamics markings.

Click track 2 sim

Piano

Handwritten musical notation for Piano, featuring two staves (treble and bass clefs) and a key signature of one sharp (F#). The notation includes a complex melodic and harmonic structure with various accidentals and dynamics markings.

Z

A series of seven empty musical staves. From top to bottom: 1. Treble clef, one whole note with a flat sign. 2. Treble clef, one whole note with a sharp sign. 3. Treble clef, one whole note with a sharp sign. 4. Treble clef, one whole note with a sharp sign, with a vertical line and the text "532.6" above and "4.5"" below. 5. Treble clef, one whole note with a flat sign. 6. Treble clef, one whole note with a flat sign. 7. Treble clef, one whole note with a flat sign.

Handwritten musical notation. The top staff is a vocal line in treble clef, 4/4 time, with a key signature of one sharp (F#). It contains a melodic line with various notes, rests, and dynamics including *mf* and *p*. The bottom staff is a piano accompaniment in treble and bass clefs, 4/4 time, with a key signature of one sharp. It features a bass line with eighth notes and chords, and a treble line with chords and some melodic fragments. Dynamics include *p* and *mf*.

Handwritten musical notation for strings and woodwinds. The notation includes notes on staves with various markings such as 546.7 , $45''$, 553.7 , and $4.5''$. There are also some circled notes and a double bar line.

Sequence 5

Musical notation for Sequence 5, featuring a melody in the upper voice and accompaniment in the lower voices. The notation includes notes, rests, and dynamic markings like *mp*.

Bells

Musical notation for Bells, showing a melodic line with various accidentals and dynamics.

Piano

Musical notation for Piano, featuring complex chordal textures and dynamics such as *mf* and *cresc.*. There are also some markings like 8 and 7 .

A'

The score is divided into two systems. The first system consists of seven staves, each with a whole rest and the dynamic marking *dim*. The second system consists of seven staves. The top two staves (Violin I and Violin II) have whole rests with *dim* markings. The third staff (Viola) has a whole rest with *dim* and a tempo marking of 560.8 4.5". The fourth staff (Cello) has a whole rest with *dim* and a tempo marking of 567.8 4.5". The fifth staff (Double Bass) has a whole rest with *dim* and a tempo marking of 567.8 4.8". The sixth staff (Flute) has a dynamic marking of *p* and a tempo marking of 8. The seventh staff (Clarinet) has a dynamic marking of *f*. The bottom two staves are for Bells and Piano. The Bells staff has a dynamic marking of *f*. The Piano staff has a dynamic marking of *mf*. The score includes various musical notations such as notes, rests, and dynamic markings.

9:45.0

Sequence 5
2"
mf

(ff)
ff
Click track 1
40.
40.
40.
ff 8

Click track 2
Saxophone
Gaug. 2/4
Tambourin
mf
f
p
mf

cresc.
Red
8-

Handwritten musical score consisting of three staves. The top staff features a string line with notes and rests, including performance instructions *mf*, *f*, and *bcu*. Above this staff are two timecode annotations: $9:56.2 \downarrow 2.8''$ and $10:06.1 \downarrow 3.6''$. The middle staff is for Percussion, labeled "sus cym", "Gongs", and "Tam-tam", with dynamic markings *f*, *p*, *f*, *p*, *mf*, *p*, *p*, and *mf*. The bottom staff is for Piano, with dynamic markings *p* and *mf*, and includes a section marked with an *8* and a dashed line, suggesting a repeated rhythmic pattern. Additional timecode annotations are present: $7:50.8 \downarrow 2.4''$ and $10:01.3 \downarrow 3.2''$. The score is marked with various musical notations including notes, rests, and slurs.

C¹

10:10.7 4.0"
mf

10:15.0 4.4"
↓

10:19.1 4.8"
↓

10:23.0 5.2"
↓

mp

Click track 1

Click track 2

sus cym Gong

mf

cresc.

f

Piano

mp

Ped

10:25.7 5.6"

mf

10:33.5 6.4"

10:36.7 4.8"

10:30.2 6.0"

Musical score for strings and woodwinds. The top two staves are for Violin I and Violin II. The next two staves are for Viola and Cello. The bottom staff is for Double Bass. The score includes various musical notations such as notes, rests, and dynamic markings.

Musical score for percussion and piano. The top staff is for Snare Drum (sus cym) with notes and rests. The middle staff is for Piano with notes and rests. The bottom staff is for Piano with notes and rests. The score includes dynamic markings like *mf*, *mp*, and *sim*.

Musical score for Piano. The score includes notes, rests, and dynamic markings such as *mf*, *mp*, and *sim*. A *Ped sim* marking is present at the bottom of the score.

10:52.7 9.2"

10:59.7 7.2"

10:42.4 7.6"

10:54.9 9.6"

mf

f

10:47.9 8.4"

f

10:50.4 8.8"

f

10:45.3 8.0"

f

Echo in

mf cresc.

mf cresc.

Click track 1

Click track 2

sus
cym

pp mf

pp mf

pp mf

pp

Piano

mf

11:04.4 5.6"

bb

ff

11:06.0 4.0"

ff

11:07.5 2.5"

ff

11:00.4 10.1"

ff

11:02.7 8.3"

ff

11:09.0 1.1"

10:57.0 10"

10:57.0 10"

Handwritten musical notation for the upper staves, including dynamic markings (*ff*) and time signatures.

Musical notation for the middle section, featuring complex rhythmic patterns and dynamic markings such as *f*, *ff*, and *mf*.

Drum notation (labeled "ick 1") consisting of a series of rhythmic 'x' marks on a staff.

Handwritten musical notation for the cymbal part (labeled "sus cym"), including dynamic markings like *mf*, *p*, *mf*, *p*, *f*, *p < f*, *mp*, *mf*, and *f*.

Drum notation (labeled "lick 2") consisting of a series of rhythmic 'x' marks on a staff.

Handwritten musical notation for the piano part (labeled "Piano"), including dynamic markings like *cresc.*, *f*, and *ff*.

D¹

E¹

F¹

Sequence 3

11:10.5 10.4"

11:22.3

11:37.4

Musical score for strings (Violins I, Violins II, Violas, Cellos, Double Basses) with dynamic markings and time stamps.

- Violins I:** *ff* 11:10.3 4.3" → 11:13.6 8.7" → 11:22.3 6.4" → 11:34.3 4.4"
- Violins II:** *ff* 11:07.6 5.1" → 11:14.7 8.4" → *f* 11:24.3 6.0" → *mf*
- Violas:** *ff* 11:10.0 5.3" → 11:15.9 8.0" → *f*
- Cellos:** 11:07.0 *ff* 2.9" → 11:14.8 7.0" → 11:18.8 7.2" → 11:28.7 5.2"
- Double Basses:** 11:09.1 3.5" → 11:12.4 7.9" → *f* 11:20.5 6.8" → 11:31.5 4.8"

Sequence 5a 11:25.3 39.8" *p*

11:37.0 31.2" *mf*

4.0" *mf*

Bow 3 suspended cymbals *f*

Piano *ff* Glissando with finger down copper-wound strings

Ped ↓

slowly lift pedal →

G¹

H¹

11:40.7 3.6" **mf**

11:44.3 3.2" **mp**

11:48.2 **p**

11:52.5 2.4" **p**

11:57.3 2.0" **p**

12:03.0 **p**

12:05.5 24.8" **p**

12:06.9 35.2" **p**

27.7"

2.8"

sus
cym

Piano

Click track 1* ♩ = 92 Clicks stop

Vibes Bow with left hand, Strike with right

Click track 2* ♩ = 92 Clicks stop

On the keyboard

pp

ped

* From this point on, the performers do not have to synchronize to the tape, but if this tempo is approximately maintained, the notes on tape should fall in the general vicinity indicated

I'

A series of seven musical staves, mostly empty, with some handwritten notes and time signatures. The notes are as follows:

- Staff 1: (o) at the beginning.
- Staff 2: 12:12.2 35.2" with a downward arrow pointing to a note.
- Staff 3: 12:19.5 32.1" with a downward arrow pointing to a note.
- Staff 4: 12:20.0 36.1" with a downward arrow pointing to a note.
- Staff 5: (o) at the beginning.
- Staff 6: (o) at the beginning.
- Staff 7: 12:32.7 40.8" with a downward arrow pointing to a note.
- Staff 8: 12:37.6 40.8" with a downward arrow pointing to a note.

Musical notation for Vibes and Piano. The Vibes part is written on a single staff with the following instructions: *Bowed*, *pp*, *Ped* →, *Struck*, *pp*, *Bowed*. The Piano part is written on a grand staff with the instruction *(Ped)* →. The notation includes various notes, rests, and dynamic markings.

J'

12:45.2 19.6"

13:07.9 35.5"

12:50.7 37.1"

12:53.7 31.5"

13:03.3 31.5"

12:45.2 34.6"

Vibes

(Bowed)

(Ped) →

Struck *p*

Bowed

Struck *p*

Bowed

Piano

p

K1

13:33.0 10.8"

13:21.2 24.8"

13:34.9 40.4"

13:27.6 40.8"

Vibes

struck
struck & Bowed
Struck Bowed
Bowed
Struck
Bowed
Struck

mp

Piano

mp

Bring out left hand

M¹

Handwritten musical notation for six staves, likely representing a string ensemble. Each staff begins with a circled '0' and a downward-pointing arrow. Time and distance markers are present above each staff:

- Staff 1: 13:43.5 20.8"
- Staff 2: 13:43.8 11.5"
- Staff 3: 13:56.9 31.8"
- Staff 4: 13:46.9 33.8"
- Staff 5: 13:48.5 34.5"
- Staff 6: 14:03.6 38.6"

Handwritten musical notation for two staves: *ibes* (violin) and *ano* (viola). The *ibes* staff includes performance instructions: *Bowed*, *Struck*, *Bowed*, *Struck*, *Bowed*, *Struck*, *Bowed*, *Struck*. Dynamic markings include *mf*, *p*, and *mp*. A specific instruction *Red 655* is noted. The *ano* staff includes dynamic markings *mf* and *mp*, and a *sub. p* marking.



14116.9 25.9"

14114.9 38.1"

14130.3 29.9"

This section contains three systems of empty musical staves. The first system has a frequency annotation of 14116.9 and a length of 25.9". The second system has a frequency annotation of 14114.9 and a length of 38.1". The third system has a frequency annotation of 14130.3 and a length of 29.9".

Vibes

Bowed Struck Bowed Struck Bowed Struck Bowed

Piano

p mp

This section contains the musical score for Vibes and Piano. The Vibes part is written in a single staff with various articulations: Bowed, Struck, Bowed, Struck, Bowed, Struck, Bowed. The Piano part is written in two staves, featuring a complex rhythmic pattern with dynamic markings p and mp.

O'

Diagram of five strings with frequency and length measurements:

- String 1 (top): 14:55.9 13.6"
- String 2: 14:44.5 38.6"
- String 3: 14:52.6 40.8"

Musical score for Vibes and Piano:

- Vibes:** Struck, Bowed, Struck, Bowed, Struck, Bowed, Struck.
- Piano:** *p*

P¹

Q¹

Four empty musical staves, likely for string instruments, with a treble clef on the top staff and a bass clef on the bottom staff. Each staff contains a whole rest.

ibes

Bowed

Struck

Bowed

pp

(Ped) →

piano

pp

(Ped) →

Musical score for oboe and piano. The oboe part starts with a whole rest, then has a quarter note marked 'Bowed' and 'pp', followed by a quarter note marked 'Struck' and 'pp', and another quarter note marked 'Bowed'. The piano part features a complex rhythmic pattern with many sixteenth notes and some triplets. Pedal markings '(Ped) →' are present at the beginning and in the middle of the piano part.

ibes

Struck ()

ppp

piano

ppp

Musical score for oboe and piano. The oboe part has a whole rest followed by a quarter note marked 'Struck ()' and 'ppp'. The piano part continues with a melodic line, ending with a quarter note marked 'ppp'.