

Jorge Zurita

**Study on an Object N°2**

Piece for an specific object and amplification  
(2009/2010)

Docols Editions

## Performance Notes

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The piece is written for two performers. Actions to be performed must be previously organized.

The score is written in proportional notation. Duration will be mediated between the chronometric marks and the performer's choices.

This work proposes a structure where techniques and actions are developed on a specific object. The performer can make decisions not written on the score.

The score proposes two systems:

- One line where the arc only rubs one point of contact, mainly with horizontal movement unless the line goes out of range.
- Three lines where the arch or the fingers extend their point of contact over a certain space, generating both vertical and horizontal displacements.

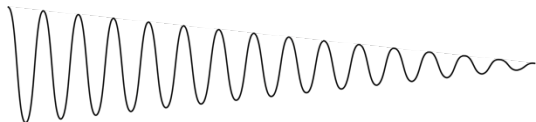
### General indications:

The bow pressure will be notated as dynamic articulation with the word *pr* (pressure) and low medium, maximum for its gradualness.

Throughout the piece cues will give an idea about the duration of each section.

The vibrato in this piece will be generated by the trembling movement of the used hand (check the video examples).

A curved line will indicate vibrato behavior and its duration.



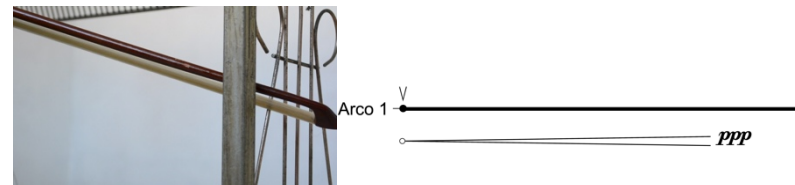
Percussive attacks will be notated with neumes without stems and with the word **Perc.**

Materials for the performance:

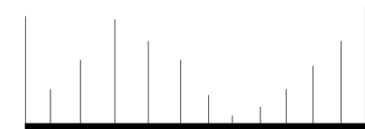
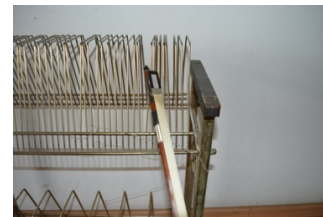
- Video tape
- 2 violin bows
- 1 aluminum can
- 1 low guitar string
- 1 Styrofoam bell

### Positions:

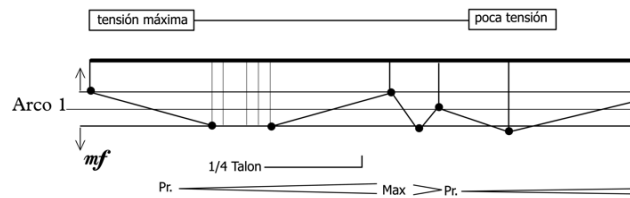
The bow will be rubbed in normal position taking a starting point (usually the middle part as shown in the photo) with back and forth movement according to the arch noted. Bow could go up and down if curved lines are present



Bow heel over the top as shown in the photo generating random rhythms.



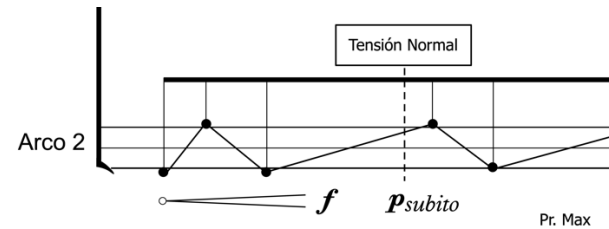
The string with aluminum can will be rubbed with the bow. Tension exerted on the string by the left hand will be noted at top of the score. Bow motion will be from up (upper arrow of the trigram) to down (lower arrow of the trigram). An imaginary line will be drawn as shown in the image. Lines between neumes indicate micro rhythms generated by pressure accomplished on the string.



A piece of videotape will be attached on top of a can and placed as shown in the picture. The tape will be rubbed with the fingers of the right hand and tightened with the left. It is recommended to keep your fingers a little wet for better sound.

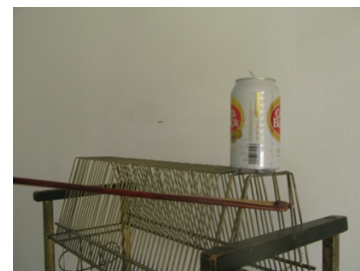


Hand will move from top to bottom as indicated by the trigram. The upper part will be the one closer to the hand and the lower part the one that is near to the tied up point (check video).



As indicated in the image, bow will be rubbed from top to bottom on the position shown. Its duration will be notated proportionally.

Another can will be settled as shown in the photo and the bow will be rubbed as indicated in the image.

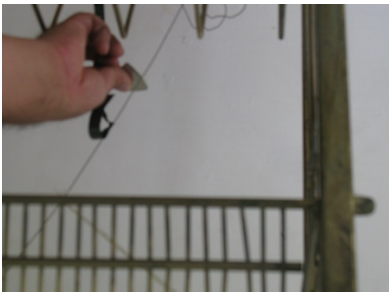


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Bow on the string placed at the bottom as shown in the image. It will be rubbed transversely from top to bottom starting from a contact point. It is scored in the same way as all double offset bows.



The heel of the bow (or another chosen object) will rub over the wound string from the top to the bottom of the string, generating rhythms. The trigram will indicate how to move the heel along the string.



A Styrofoam bell will be placed on the instrument. The author proposes to place as it shown in the image but another possibilities are also accepted by performers. Notation will use a trigram in order to search for both horizontal and vertical displacements. The bow will be rubbed in the indicated area.



In a similar way, the second bell will be placed at the other end of the object in addition to placing video tape beneath. It will be notated with trigram.



YouTube Links:

<https://youtu.be/cXKLudgzmSs>

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# Study on a Sound Object N°2

Jorge Zurita



♩ = 60

Bow 1

*ppp*



00:29

Bow 1

*pppp* *p*



00:56

Bow 1

*mf* *flautato* *pp* *ord*



Moving the bow from up to top starting from the contact point.

01:24

Bow 1



2

Bow 1

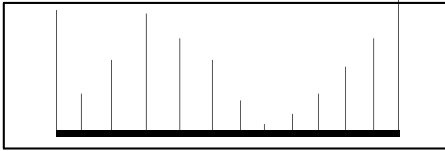
Pr

*mp* *mf*



02:05

**X3**  
*ad libitum*  
Bow 2



Bow 1

*p* *sfz* *ff*



*vibrato*

Bow 1

*f subito* *fff* *p* *mp*

Pr



*vibrato*

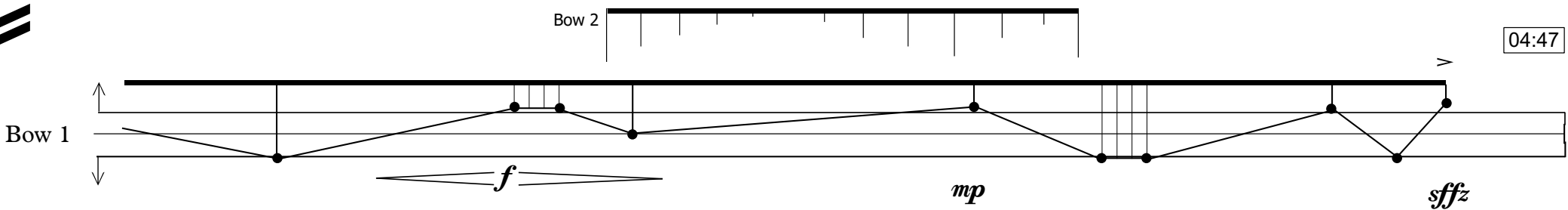
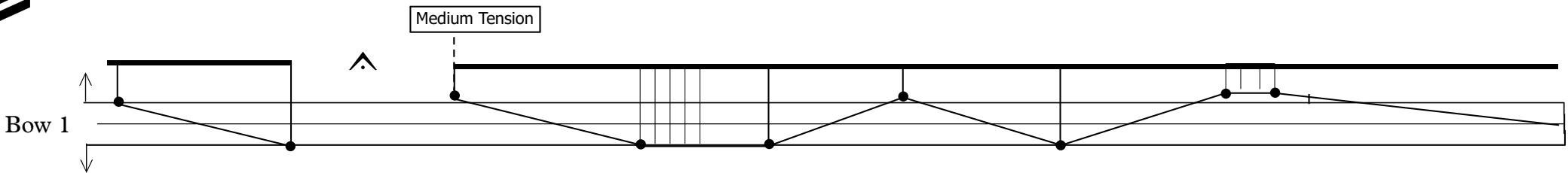
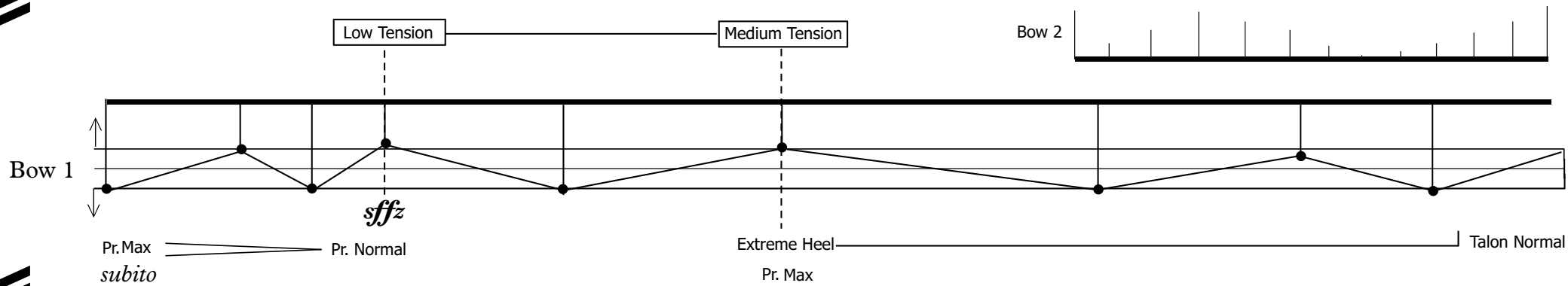
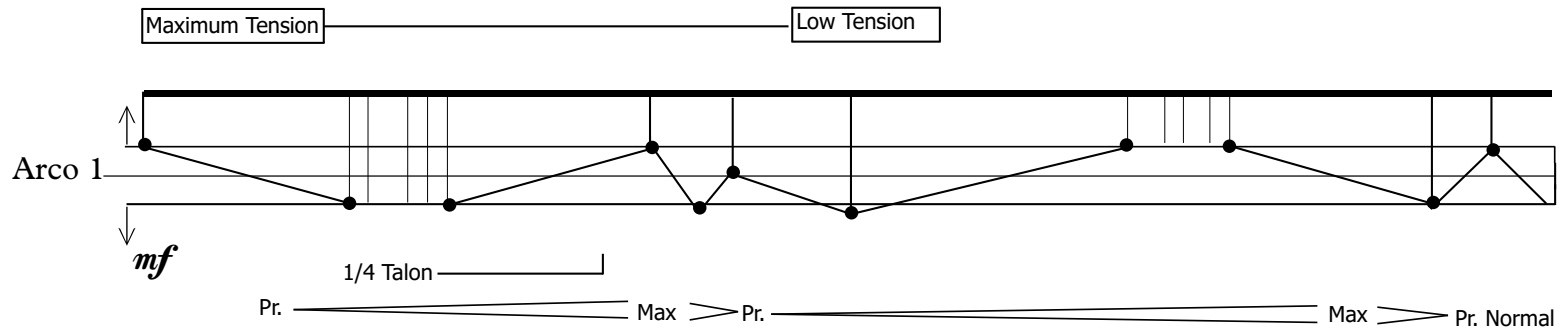
03:01

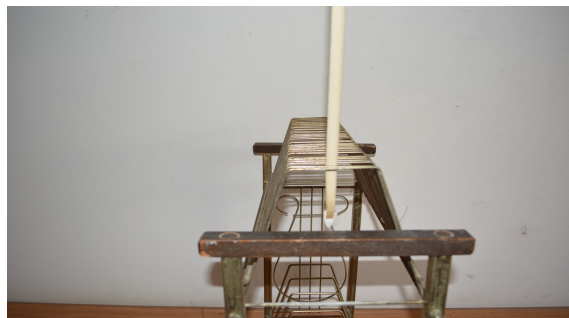
Bow 1

*f* *mp*

legno col legno

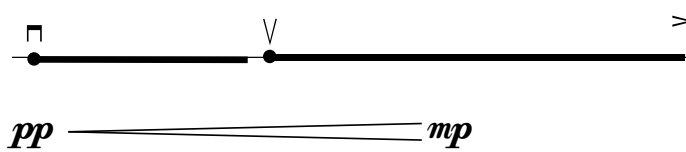
Perc



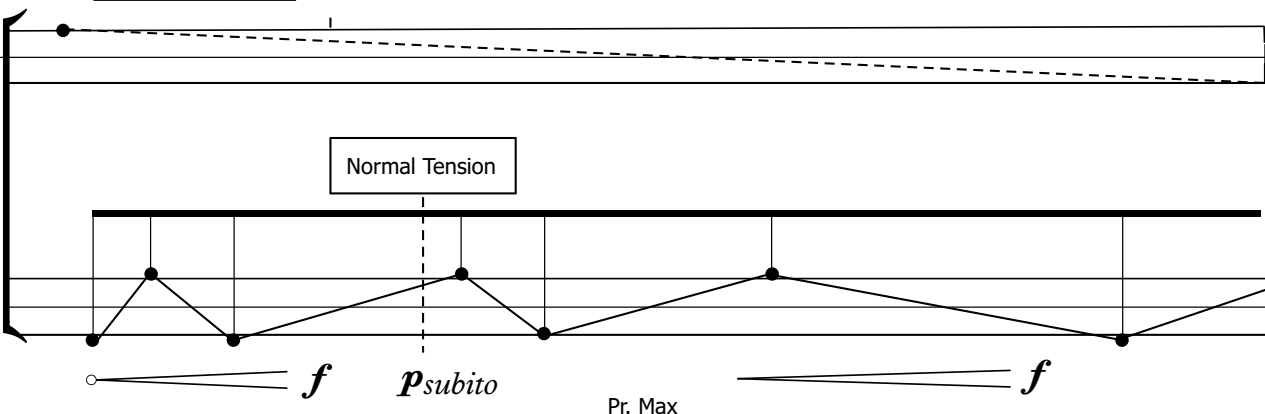


05:14

Maximum Tension

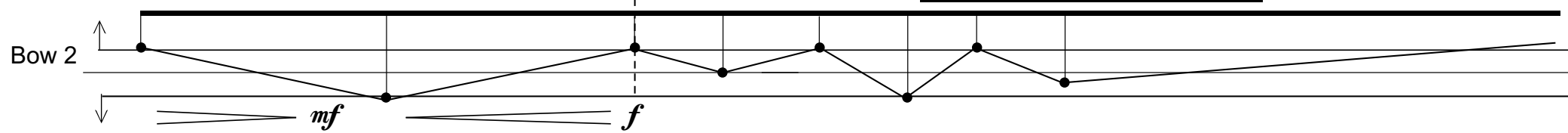


Bow 2



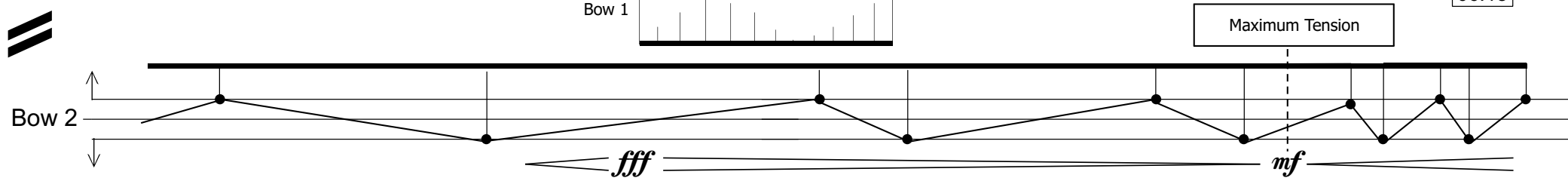
Low Tension

Bow 1



Pr. Normal

Bow 1



Maximum Tension

06:18





Bow 1

*mp*

Bow 2

*pp* *mf* *pp* *f* *pp* *ff* *p*

Pr. Normal



07:00

*legno* *crine* *legno* *crine*

Bow 1

Bow 2

*mp* *f*

Pr. Max.



*flautatto* *ord.*

Bow 1

Pr. *Normal*

Bow 2

*sffz* *f* *fff*

Pr. Max.



Place Aluminium Can

Bow 1

*f* *mp* *f*

Bow 2

*mp* *f* vibrato

Bow 1

*mp* *mf*

Bow 2

Pr. Max *p*

Bow 1

*f* *mp*

Bow 2

08:40 *mf* Pr. Normal Max.

Move to Aluminium Can and Bow

*flautatto*

*legno*

*poco a poco ord.*

Bow 1

Bow 2

low presión

Bow 1

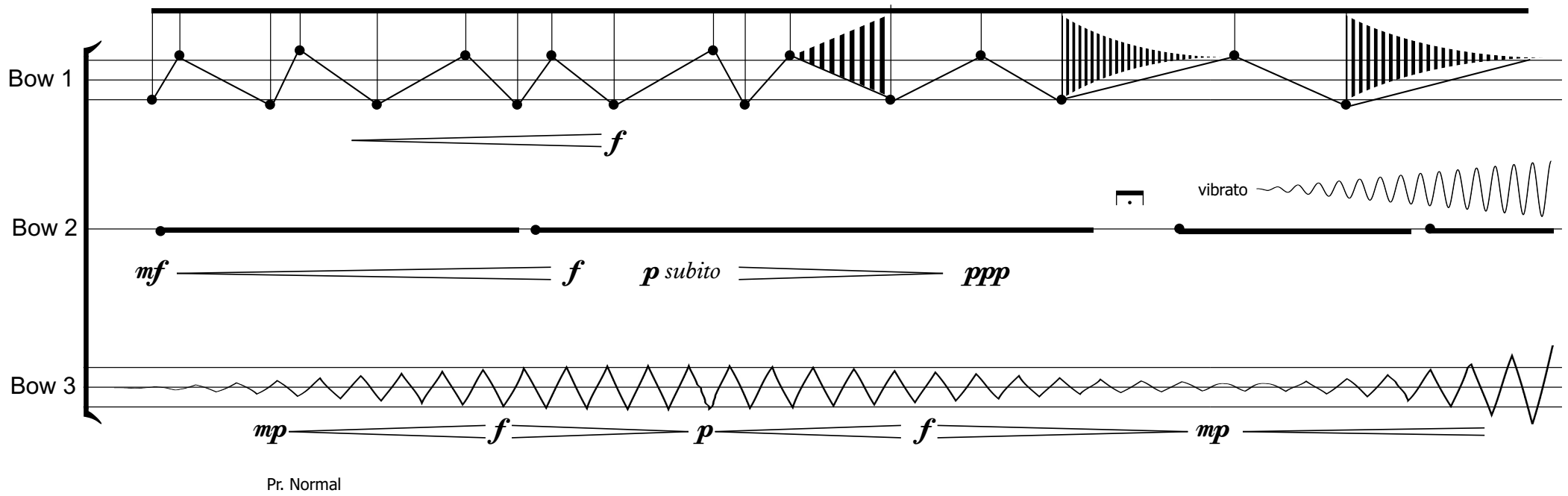
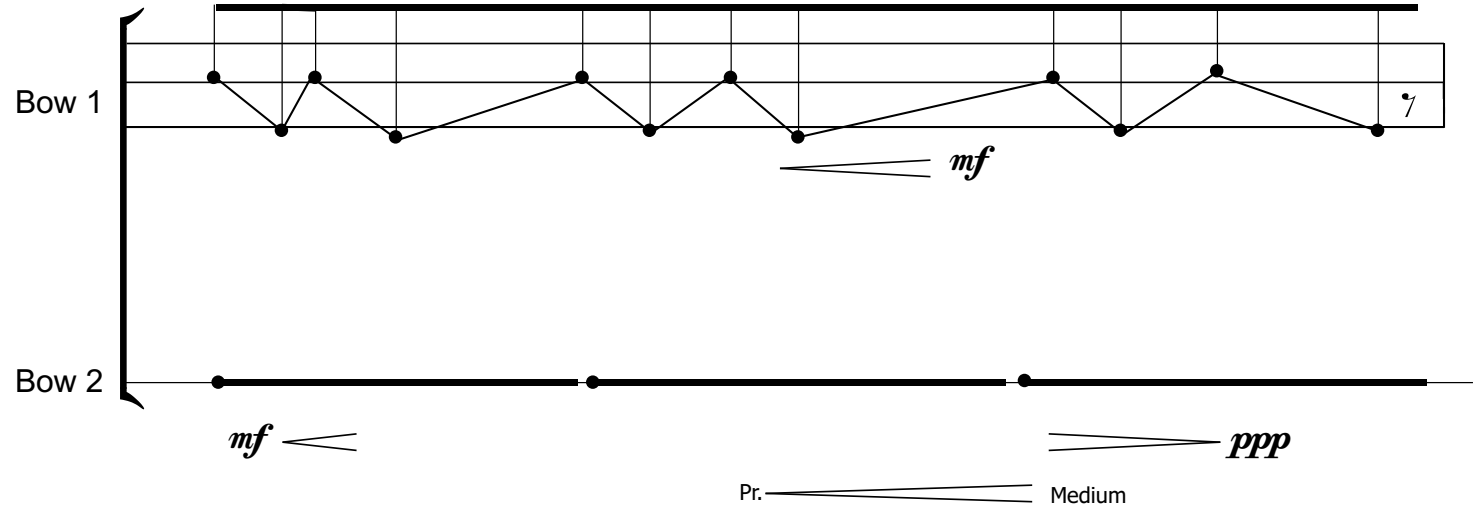
Bow 1

Bow 1



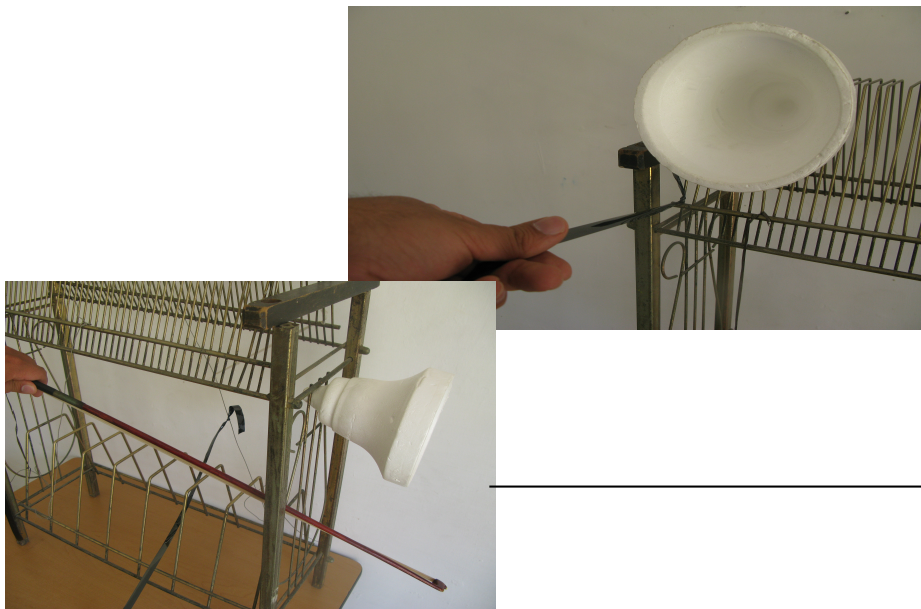
Bow 1

Bow 2



Musical score for three bows (Bow 1, Bow 2, Bow 3).  
Bow 1: *sffz* (sforzando) with a wavy line indicating vibrato.  
Bow 2: *sffz* (sforzando) with accents (>) and *f* (forte).  
Bow 3: *mf* (mezzo-forte).

≡



Musical score for two bows (Bow 1, Bow 2) with a time signature of 12:27.  
Bow 1: *p* (piano), *f* (forte), *mf* (mezzo-forte).  
Bow 2: *mp* (mezzo-piano), *mf* (mezzo-forte), *p* (piano), *mf* (mezzo-forte).

The image displays three systems of musical notation for two bows, labeled "Bow 1" and "Bow 2". Each system consists of two staves. The notation includes dynamic markings (*f*, *mp*, *ff*, *p*, *mf*, *pp*, *sfz*) and articulation markings (accents, slurs, and a "Pr. max" marking). The first system shows a sequence of dynamics: *f* to *mp* for Bow 1, and *f* to *mp* for Bow 2. The second system shows a sequence: *p*, *f*, *p*, *sfz*, *p*, *sfz*, *mp*, *p*, *f*, *p*, *f*, *p* for Bow 1, and *f*, *mf* for Bow 2. The third system shows a sequence: *f*, *mp*, *sfz*, *p*, *sfz*, *p* for Bow 1, and a wavy line for Bow 2. The notation is presented in a clean, black-and-white style with a serif font for the dynamic markings.

Bow 1

*mp* *f* *mf*

Bow 2

*p* *mf* *mp* *mf* *f* *p*

Detailed description: This system contains two staves, Bow 1 and Bow 2. Bow 1 has three measures. The first measure has a dynamic range from *mp* to *f* to *mf*. The second measure has an accent (^) and a dynamic range from *mf* to *f*. The third measure has an accent (^) and a dynamic range from *f* to *p*. Bow 2 has three measures. The first measure has a dynamic range from *p* to *mf*. The second measure has a dynamic range from *mp* to *mf*. The third measure has a dynamic range from *mf* to *f*.

Bow 1

*pp* *ff* *mf* *f* *mf* *ff*

Bow 2

*mp*  
Pr. Max

Left Hand Subito minimum tension in tape

Detailed description: This system contains two staves, Bow 1 and Bow 2. Bow 1 has three measures. The first measure has a dynamic range from *pp* to *ff*. The second measure has a dynamic range from *mf* to *f*. The third measure has a dynamic range from *mf* to *ff*. Bow 2 has three measures. The first measure has a dynamic range from *mp* to *Pr. Max*. The second measure has a dynamic range from *Pr. Max* to *mp*. The third measure has a dynamic range from *mp* to *Pr. Max*. A box labeled "Left Hand Subito minimum tension in tape" is positioned above the second measure of Bow 1.

Bow 1

*p* *f*

Bow 2

Detailed description: This system contains two staves, Bow 1 and Bow 2. Bow 1 has three measures. The first measure has a dynamic range from *p* to *f*. The second measure has a dynamic range from *f* to *p*. The third measure has a dynamic range from *p* to *f*. Bow 2 has three measures. The first measure has a dynamic range from *f* to *p*. The second measure has a dynamic range from *p* to *f*. The third measure has a dynamic range from *f* to *p*.

Musical notation for two bows. Bow 1 has a series of notes with a fermata over the middle section. Bow 2 has a few notes. The dynamic *ff* is written between the staves.



*f sempre*

Musical notation for two bows. Bow 1 has a series of notes with a dynamic marking *pressure ad libitum*. Bow 2 is mostly empty.

Bow 2



Musical notation for two bows. Bow 1 has a series of notes with a dynamic marking *sffz*. Bow 2 is mostly empty.