NIL

for guitar and interactive music system

photo by Raquel Fernandes

by V.J. Manzo

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Performance Note

nil is a composition for solo classical guitar and interactive music system. In this piece, the opening notes of the guitar performance are sampled by the computer and placed into a small buffer. From within the buffer, the audio sample is trimmed to remove any silence around the file. The audio sample is then manipulated to generate all of the computer sounds in the piece.

As the performer continues to perform from a notated score, the computer begins manipulating qualities of the audio sample according to a score that it follows. The computer also processes the live input of the performer in a number of ways. All of the computer processing and sound generation for nil occurs in real-time and is driven by the performance of the guitarist.

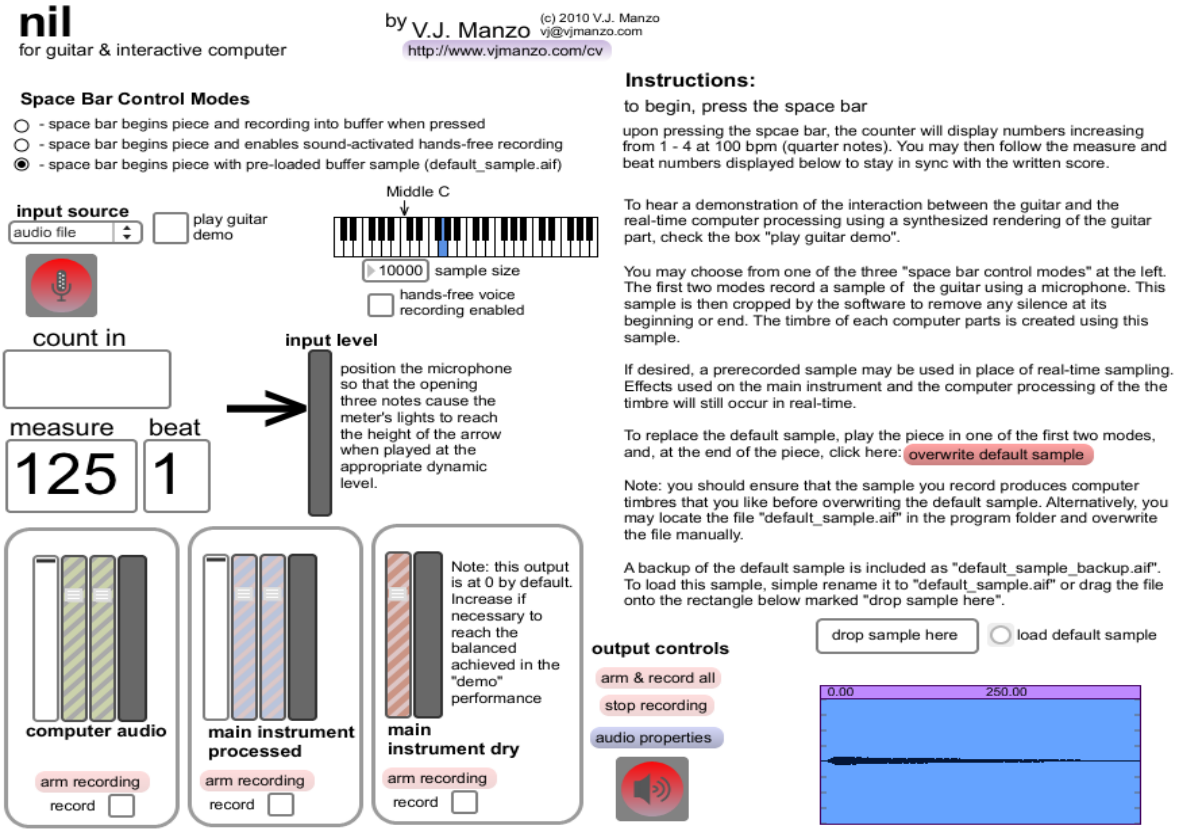
V.J. Manzo
10-01-10

Duration: *5' 50"*

About the Composer

V.J. Manzo is a composer and guitarist with research interests in theory and composition, artificial intelligence, interactive music systems, and music learning. He is Director of Music Technology at Montclair State University (2007) where he teaches courses in traditional and electronic music and composition.

His interactive music systems and other software systems/algorithms are freely available for download from his website www.vjmanzo.com/cv.



screenshot of nil software

nil

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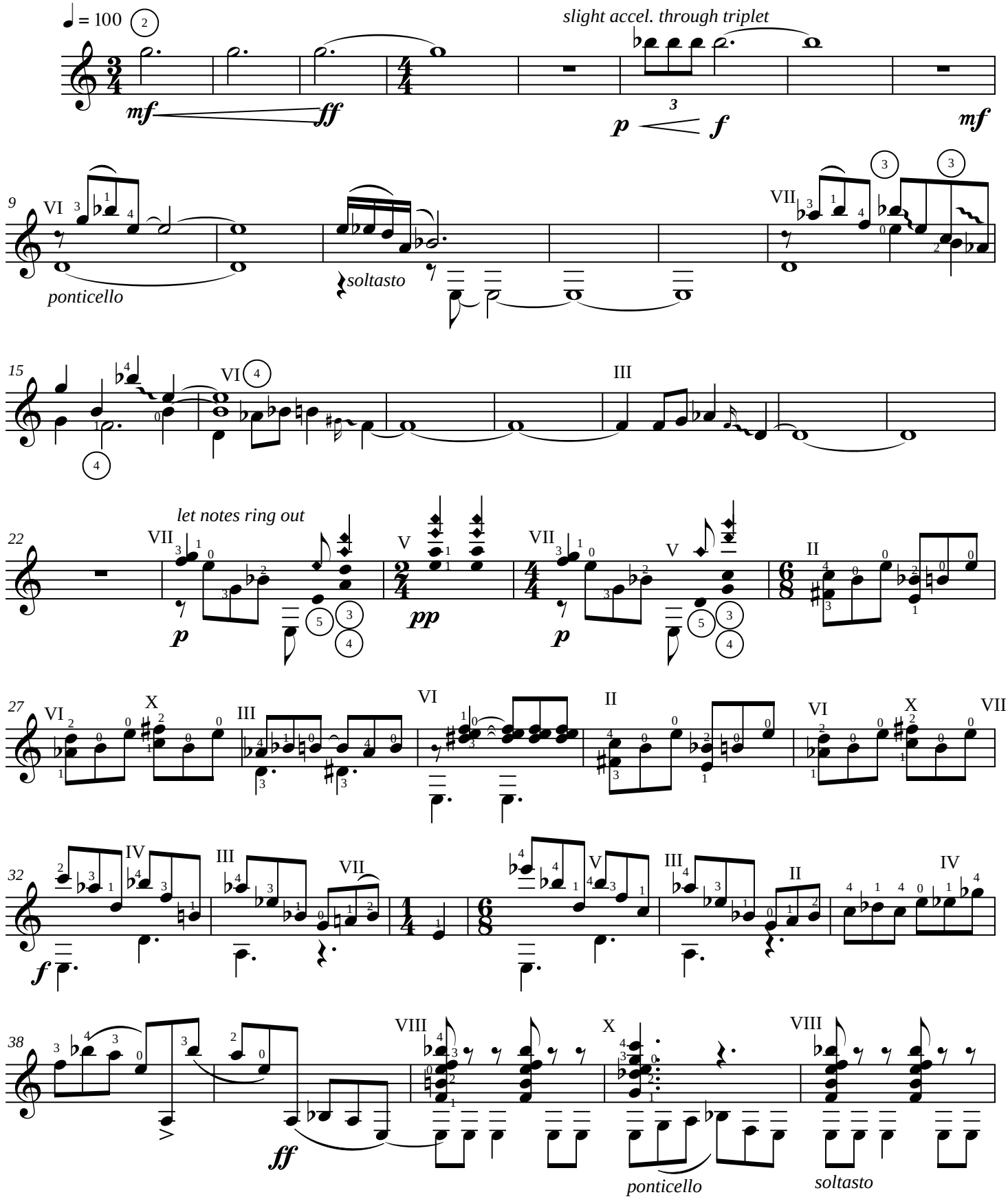
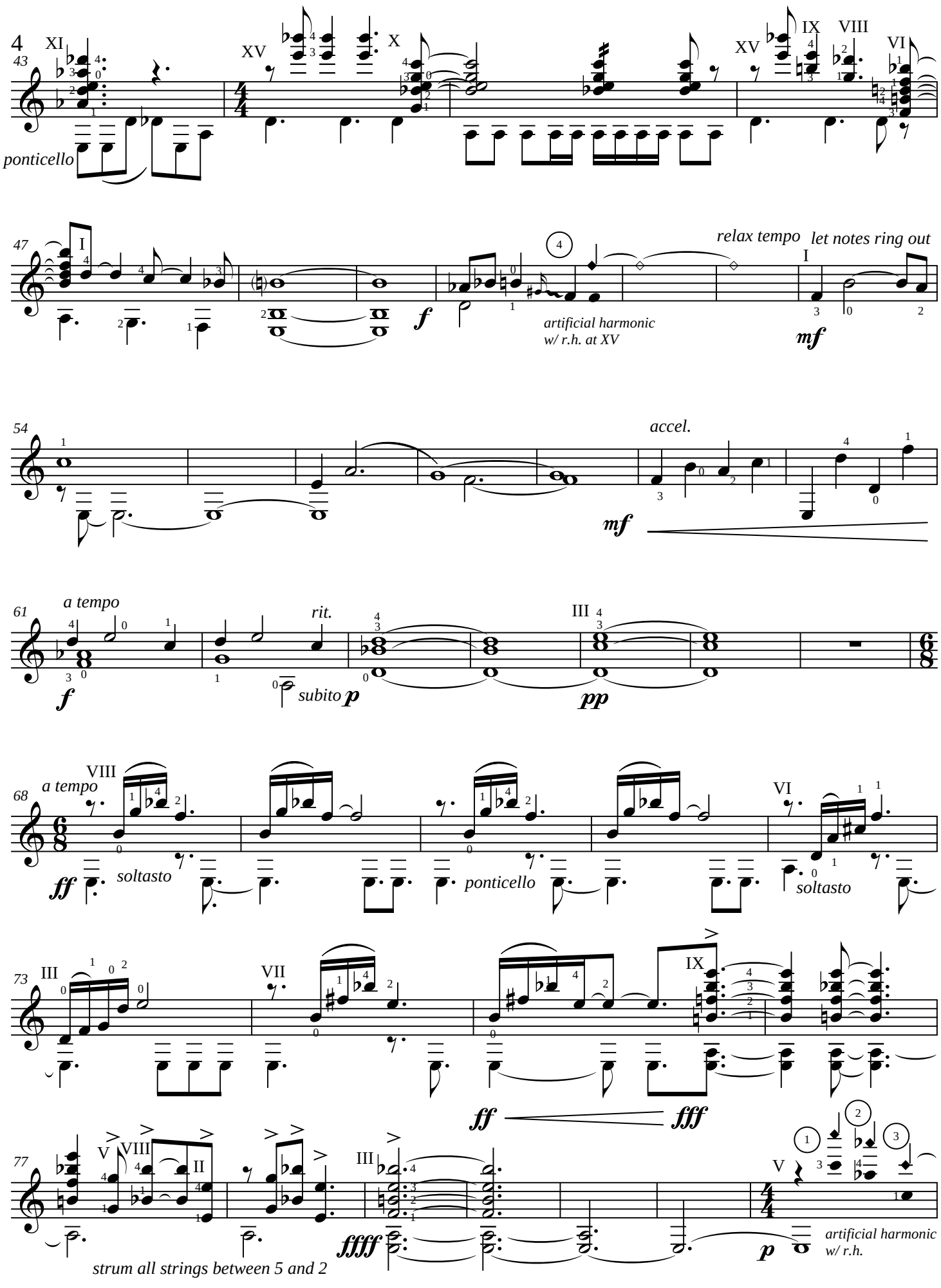
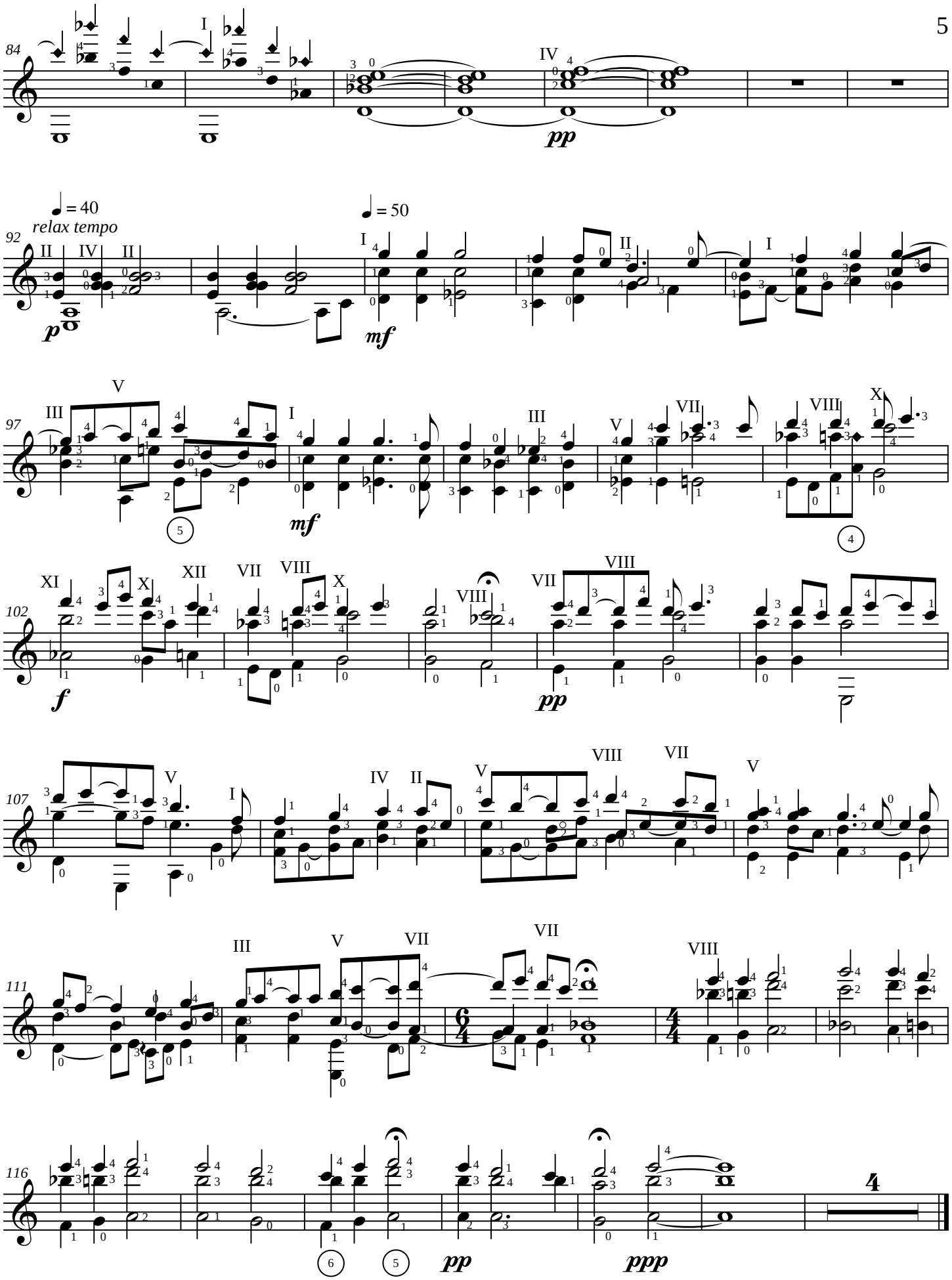
V.J. Manzo




4
43
XI
XV
X
XV
IX
VIII
VI
ponticello
47
I
4
relax tempo
let notes ring out
f
artificial harmonic
w/ r.h. at XV
I
mf
54
accel.
mf
61
a tempo
rit.
III
f
subito p
pp
68
a tempo
VIII
VI
ff
soltasto
ponticello
soltasto
73
III
VII
IX
ff
fff
77
V
VIII
II
III
V
ffff
p
artificial harmonic
w/ r.h.
strum all strings between 5 and 2


84
I
IV
pp
92
= 40
relax tempo
II
IV
II
p
= 50
I
mf
II
I
97
III
V
I
mf
III
V
VII
VIII
X
102
XI
X
XII
VII
VIII
X
VIII
VII
VIII
f
pp
107
V
I
IV
II
V
VIII
VII
V
111
III
V
VII
VII
VIII
116
6
5
pp
ppp
4