

# Pulse

For Solo Flute, Computer, and Heart-Rate Monitor

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## Movement I

**♩ = Heart Beat**

4 5 6 7

8 9 10

11 12 13 14

15 16 17

18 19 20

21 22 23

24 25 26

27 28 29 30 31

*p*

*cresc.*

*mf*

*p*

*mf*

This musical score consists of ten staves of music, numbered 35 through 74. The notation is in treble clef and includes various musical symbols such as notes, rests, accidentals, and dynamic markings. The key signature has one sharp (F#). The time signature changes from 4/4 to 3/4 at measure 40 and back to 4/4 at measure 46. The score includes several dynamic markings: *f* (forte) at measures 36, 42, and 47; *mf* (mezzo-forte) at measure 39; and *p* (piano) at measure 38. There are also markings for *tr* (trill) at measures 44 and 49, and *tr* (trill) at measure 50. The music features a variety of note values, including eighth, sixteenth, and thirty-second notes, as well as rests and ties. The overall structure is a continuous melodic line with some changes in tempo and dynamics.

35 *f* *p*

36 37 38

39 *mf*

40 41

42 *f*

43 44 45 46

47 *ff*

48 49 50 51

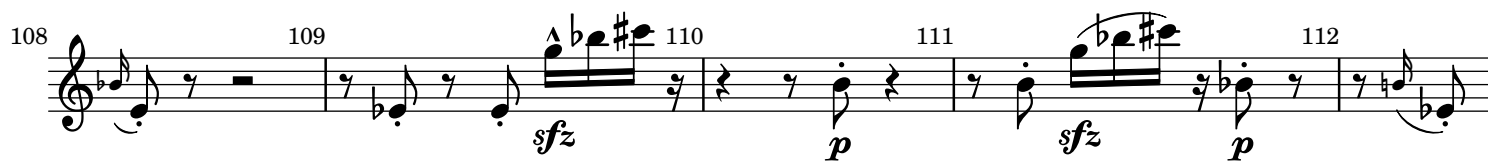
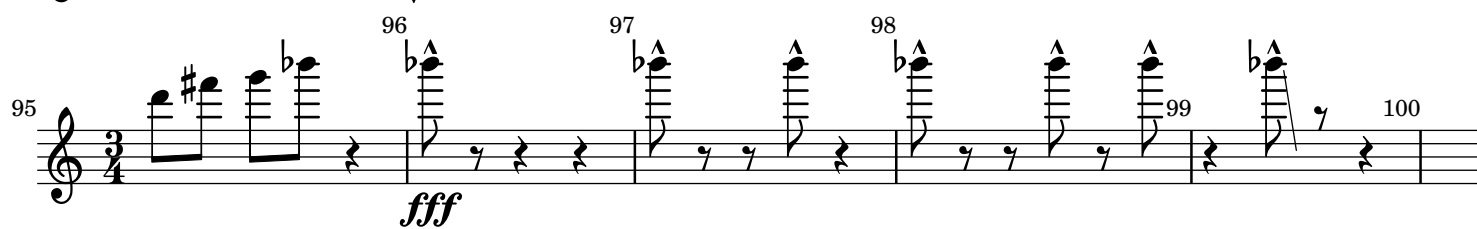
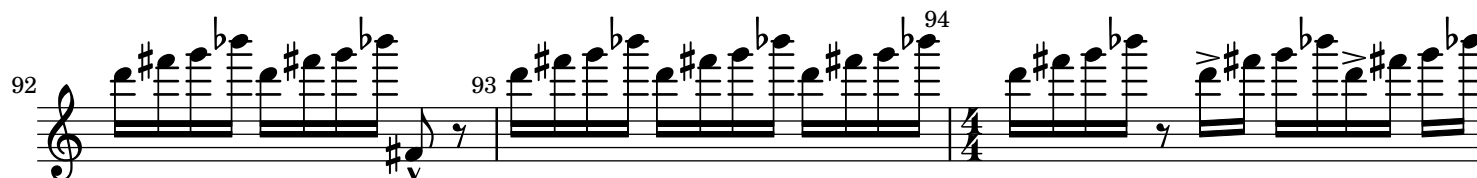
52 53 54 55 56

57 58 59 60 61 62

63 64 65

66 67 68

69 70 71 72 73 74



4  
Movement II

**Heart Beat**

This musical score is for a piece titled "Heart Beat". It is written for a single melodic line on a treble clef staff. The score is divided into four systems, each containing measures 1 through 9, 10 through 18, 19 through 28, and 29 through 35 respectively. The time signature is 4/4. The score includes various musical notations such as notes, rests, and dynamic markings. The dynamics are marked as *p* (piano), *f* (forte), *sf* (sforzando), *mp* (mezzo-piano), and *mf* (mezzo-forte). There are also performance instructions like "Heart Beat" and "Heart Beat" written above the staff. The score is accompanied by a series of vertical diagrams, each containing a sequence of black and white circles, which likely represent a visual representation of the rhythm or pitch of the notes. The diagrams are placed below the staff, aligned with the measures they represent.

Measures 1-9: *p*, *f*, *sf*, *p*, *f*, *sf*, *p*, *f*, *sf*

Measures 10-18: *f*, *f*, *f*, *f*, *f*, *f*, *f*, *f*, *f*

Measures 19-28: *p*, *f*, *sf*, *p*, *f*, *sf*, *p*, *f*, *sf*

Measures 29-35: *mp*, *mf*, *mf*, *mf*, *mf*, *mf*, *mf*, *mf*, *mf*

36 *cresc. poco a poco* 37 38 39 40 41

Diagram 1: Fretboard positions for measures 36-38 (G, A, B, C, D, E, F#).

Diagram 2: Fretboard positions for measures 39-41 (G, A, B, C, D, E, F).

42 43 44 45 46 48 49

*fp* *ff* *p*

Diagram 1: Fretboard positions for measures 42-44 (G, A, B, C, D, E, F#).

Diagram 2: Fretboard positions for measures 45-49 (G, A, B, C, D, E, F).

50 51 52 53 54 55 56 57

Diagram 1: Fretboard positions for measures 50-52 (G, A, B, C, D, E, F#).

Diagram 2: Fretboard positions for measures 53-55 (G, A, B, C, D, E, F).

Diagram 3: Fretboard positions for measures 56-57 (G, A, B, C, D, E, F#).

58 59 60 61 62 63 64

Diagram 1: Fretboard positions for measures 58-60 (G, A, B, C, D, E, F#).

Diagram 2: Fretboard positions for measures 61-63 (G, A, B, C, D, E, F).

Diagram 3: Fretboard positions for measure 64 (G, A, B, C, D, E, F#).

65 *p* 66 *mp* 67 *mf* 68 69 70 *mf*

71 72 73 *f* 74 75 76

77 *sp* 78 *mf* 79 80 81 82 83

84 *f* 85 86 87 88 89 *ff*

90 91 92 93 94 95 *sp* 96 97 *mf* 98 *f*

The musical score is written on a single staff in treble clef. It consists of 98 measures. The time signature changes from 4/4 to 3/4 at measure 68, then to 2/4 at measure 81, and back to 3/4 at measure 94. Dynamic markings include *p*, *mp*, *mf*, *f*, *sp*, and *ff*. Fingering diagrams, represented by vertical boxes with dots, are provided for many measures, indicating fingerings for the right hand. Some measures also include articulation marks like accents and slurs.

99 100 101 102 103 104 105 106 107 108 109

*ff*

*f*

Interlude

4

Movement III

• = Heart Beat

7

*p*

*f*

*mp*

13

[illegible]

50  Musical notation for measures 50-55. Measure 50: Treble clef, key signature of one flat (B-flat), 4/4 time. Notes: G4 (quarter), A4-B4 (beamed eighth notes), C5 (quarter), B4-A4 (beamed eighth notes), G4 (quarter). Measure 51: Rest (quarter), G4 (quarter), A4-B4 (beamed eighth notes), C5 (quarter). Measure 52: Treble clef, key signature of one flat, 4/4 time. Notes: G4 (quarter), A4-B4 (beamed eighth notes), C5 (quarter), B4-A4 (beamed eighth notes), G4 (quarter). Measure 53: Treble clef, key signature of one flat, 4/4 time. Notes: G4 (quarter), A4-B4 (beamed eighth notes), C5 (quarter), B4-A4 (beamed eighth notes), G4 (quarter). Measure 54: Treble clef, key signature of one flat, 4/4 time. Notes: G4 (quarter), A4-B4 (beamed eighth notes), C5 (quarter), B4-A4 (beamed eighth notes), G4 (quarter). Measure 55: Treble clef, key signature of one flat, 4/4 time. Notes: G4 (quarter), A4-B4 (beamed eighth notes), C5 (quarter), B4-A4 (beamed eighth notes), G4 (quarter).



63

63

*mp* *mf*

This staff contains measures 63 through 70. It begins in 4/4 time and changes to 3/4 time at measure 65. The music features a melodic line with various accidentals and dynamic markings of *mp* and *mf*. A crescendo hairpin is visible under measures 64 and 65.

70

70

*f*

This staff contains measures 70 through 78. It starts in 3/4 time and changes to 2/4 time at measure 72. The music is marked *f* and includes a crescendo hairpin starting at measure 71. A vertical box containing a musical staff with a single note is positioned to the left of measure 71.

79

79

This staff contains measures 79 through 86. It is in 2/4 time and features a complex, fast-moving melodic line with many accidentals. A crescendo hairpin is located at the end of the staff, under measure 86.

87

87

*p* molto legato

This staff contains measures 87 through 94. It begins with a tremolo marking over a triplet of eighth notes. The time signature changes from 2/4 to 3/4 at measure 90. The music is marked *p* and includes a decrescendo hairpin. The instruction "molto legato" is written above the staff.

95

95

This staff contains measures 95 through 101. It is in 3/4 time and features a melodic line with various accidentals and slurs. The music is marked *p*.

102

102

This staff contains measures 102 through 108. It is in 3/4 time and features a melodic line with various accidentals and slurs. The music is marked *p*.