

Golden Ratio

[Translation of Theory - Pulse Language]

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Tempo 39a Divisions: smooth metric modulation from 208. Pulse does not alter during the cycle of changing tempi:

A ♩ = 208 ♩ = 104 (208/2) ♩ = 69 (208/3) ♩ = 52 (208/4)

5

♩ = 42 (208/5) ♩ = 69 (208/6) ♩ = 60 (208/7: Golden Ratio)

8

♩ = 52 (208/8) ♩ = 46 (208/9) ♩ = 42 (208/10)

Tempo 39a Divisions: smooth metric modulation from 208. On C:

B ♩ = 208 ♩ = 104 (208/2) ♩ = 69 (208/3) ♩ = 52 (208/4)

11

♩ = 42 (208/5) ♩ = 69 (208/6) ♩ = 60 (208/7: Golden Ratio)

15

♩ = 52 (208/8) ♩ = 46 (208/9) ♩ = 42 (208/10)

Version 1: Tempo 39a has 7 different tempi in the golden ration sequence

21 C ♩ = 208 ♩ = 126 ♩ = 80 ♩ = 50 ♩ = 60 ♩ = 76 ♩ = 48

Fractals available: 5:8, 8:13, 10:16, 11:18, 13:21, 16:26, 18:29, 20:32, 21:34, 22:36, 26:42, 32:52, 34:55 (all equal ca.0.618)

Fractals available: 8:5, 13:8, 16:10, 18:11, 21:13, 26:16, 29:18, 32:20, 34:21, 36:22, 42:26, 52:32, 55:34 (all equal ca.1.618)

Tempo 39a has 7 different tempi in the golden ration sequence

Tempo 39a Golden Ratio: smooth metric modulation from 208. Pulse should not alter during the cycle of changing tempi:

28 D ♩ = 208 ♩ = 126 ♩ = 80 ♩ = 50

ppp

Sequence drops a couple of half counts and ends up slower than original

32 ♩ = 60 ♩ = 76 [should be 10.5] ♩ = 48 [should be 17]

Version 2: Tempo 39a has 7 different tempi in the golden ration sequence

Tempo 39a Golden Ratio: smooth metric modulation from 208. Pulse should not alter during the cycle

35 E ♩ = 208 ♩ = 126 ♩ = 80 ♩ = 50

ppp

39 ♩ = 60 ♩ = 76 [should be 10.5] ♩ = 48