

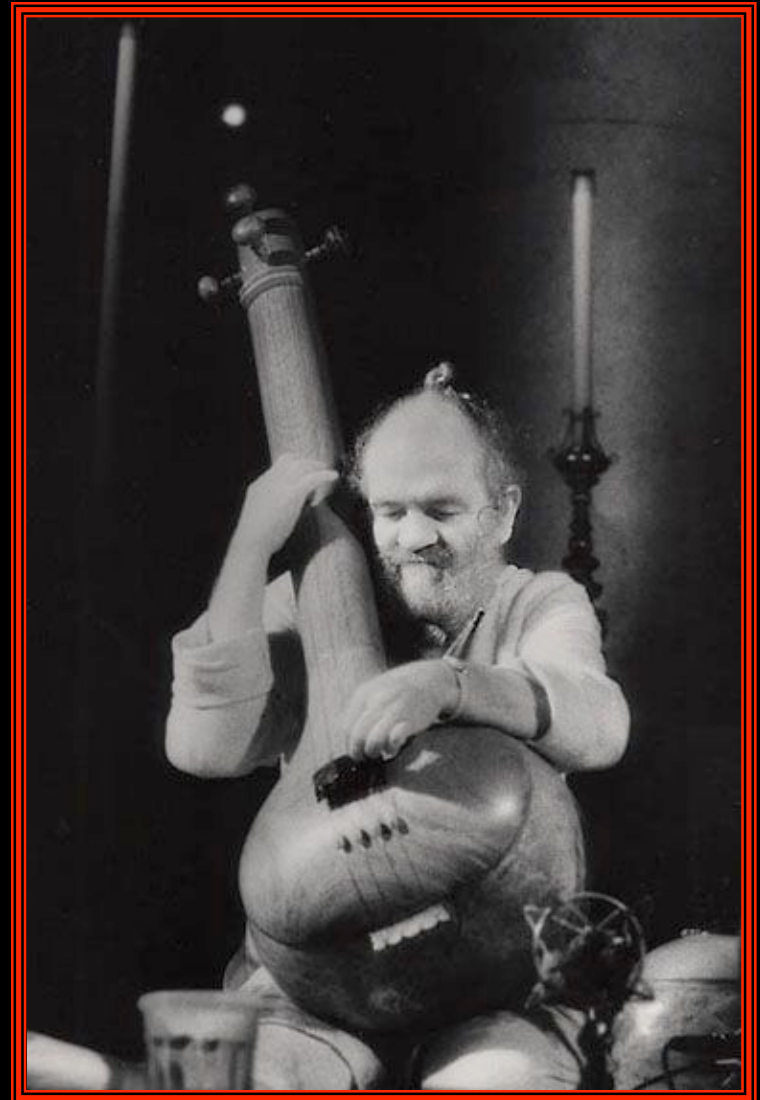
Minimalism

Minimalist Composers—Precedents



▲ **Pauline Oliveros** (b. 1932)

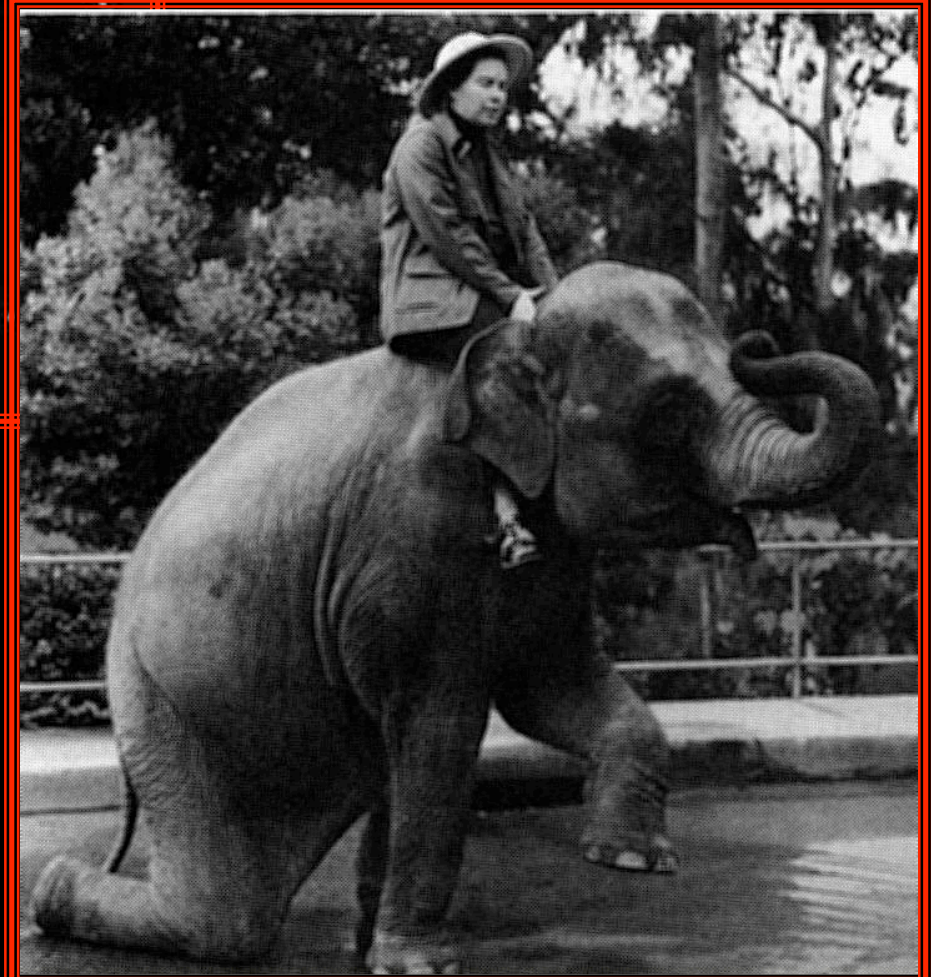
▶ **LaMonte Young** (b. 1935)



Minimalist Composers—Precedents



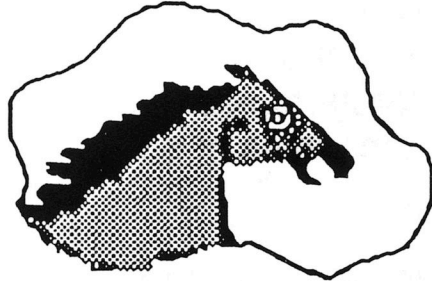
Pauline Oliveros (b. 1932)



Pauline Oliveros: *Deep Listening Pieces* (1971-1990)



Horse Sings From Cloud

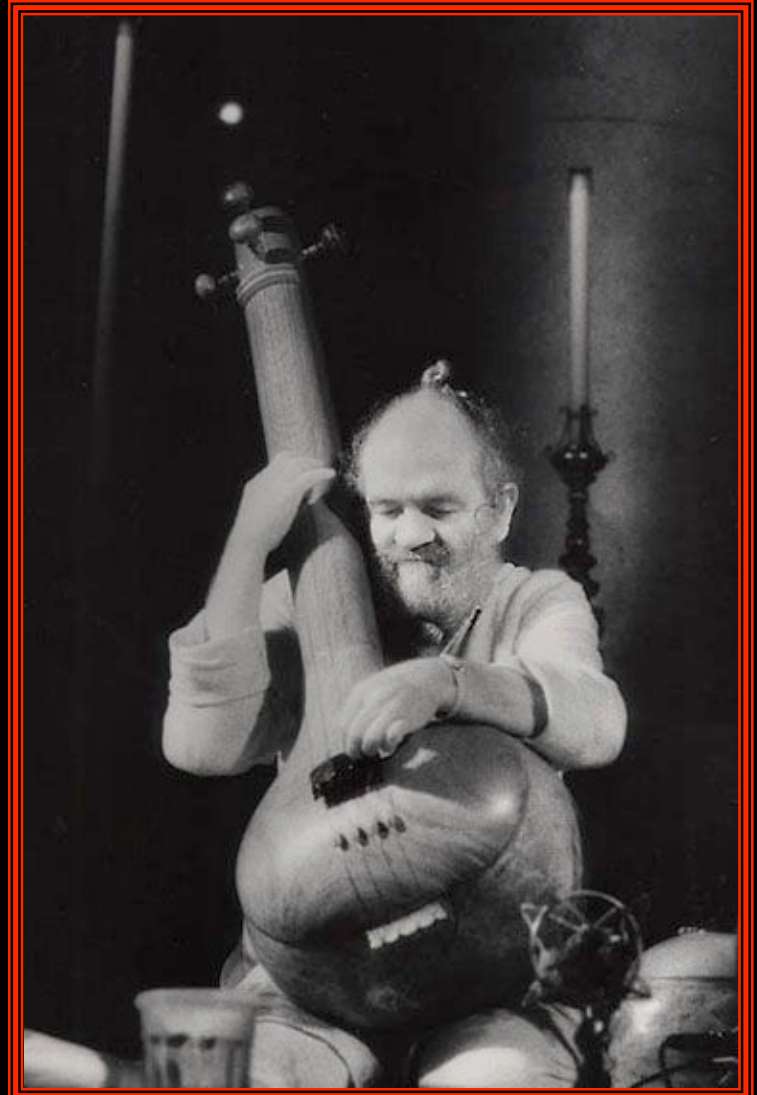


Sustain one or more tones or sounds until any desire to change the tone(s) or sound(s) subsides. When there is no desire to change the tone(s) or sound(s) then change.

Minimalist Composers—Precedents



LaMonte Young (b. 1935)



LaMonte Young: *Composition 1960 #7*

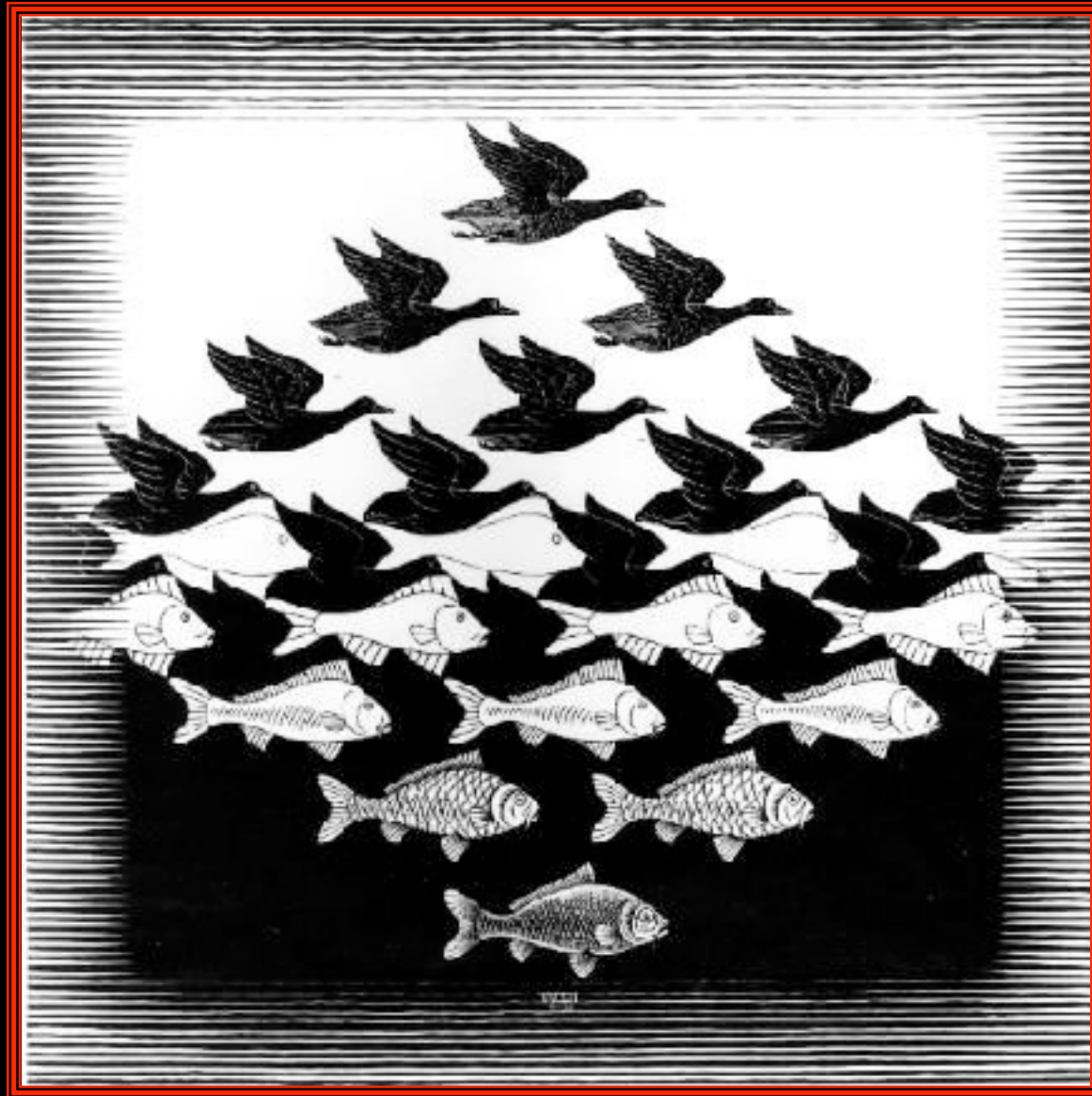
Composition 1960 #7



to be held for a long time

LaMonte Young
July 1960

Visual Art Precedents



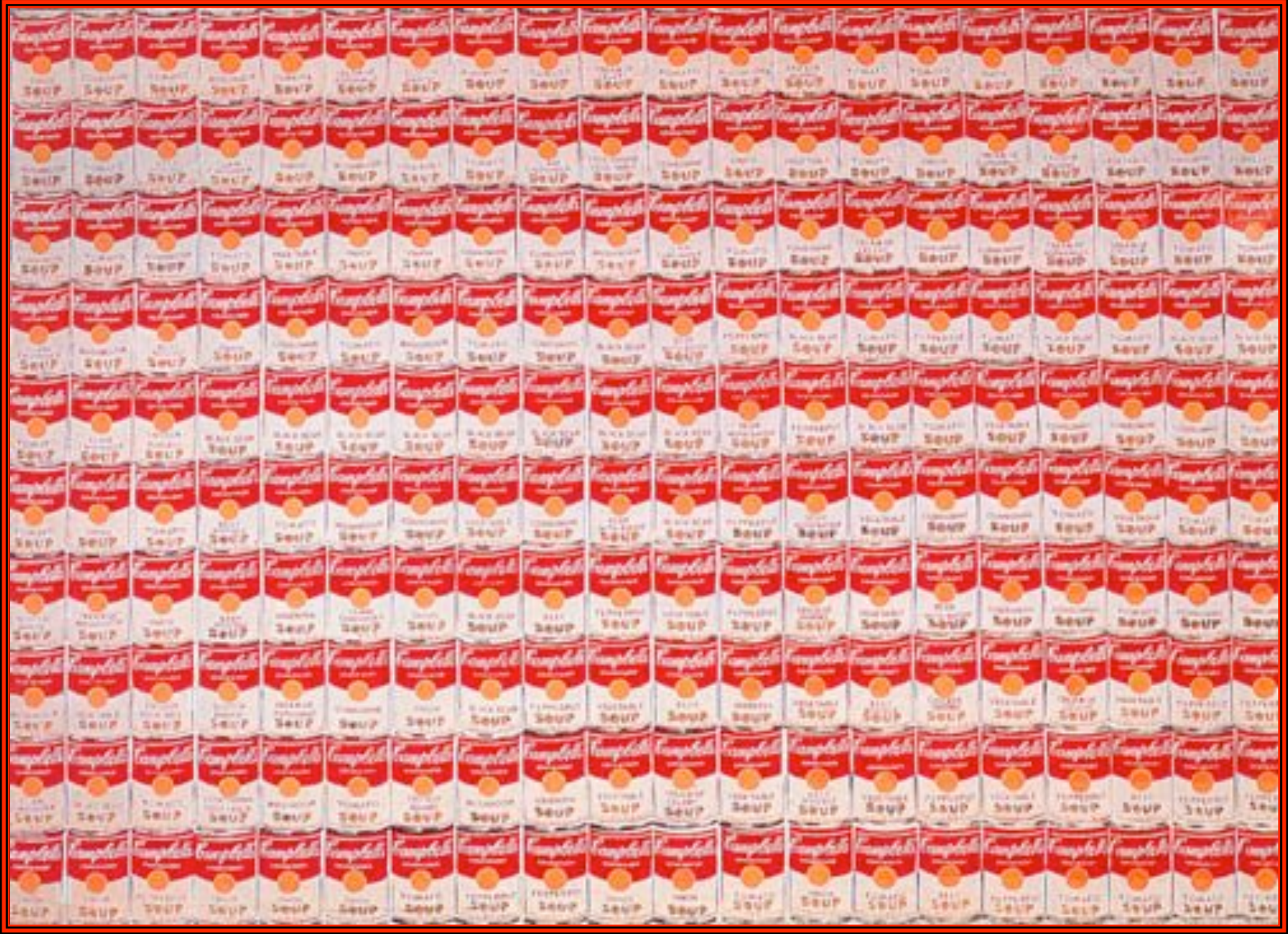
M.C. Escher: *Sky and Water I* (1938)

Visual Art Precedents—Pop Art



Andy Warhol: *Marilyn Monroe Diptych* (1962)

Visual Art Precedents—Pop Art



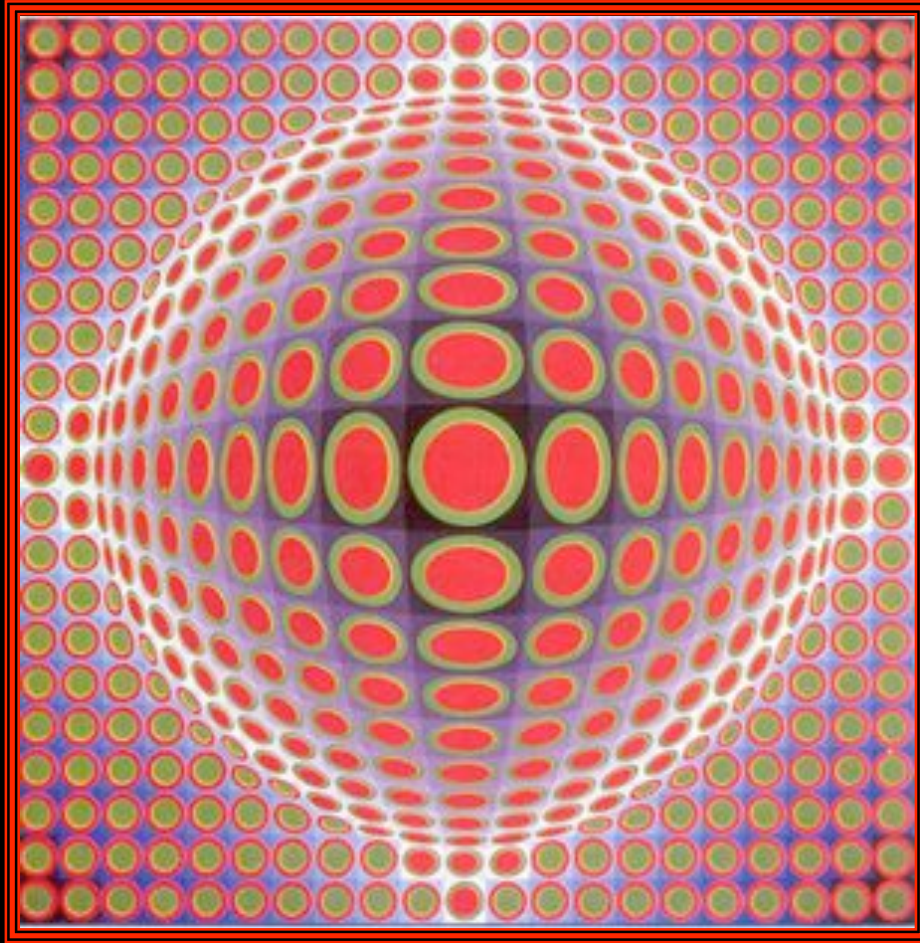
Andy Warhol: *200 Campbell Soup Cans* (1962)

Visual Art Precedents—Pop Art



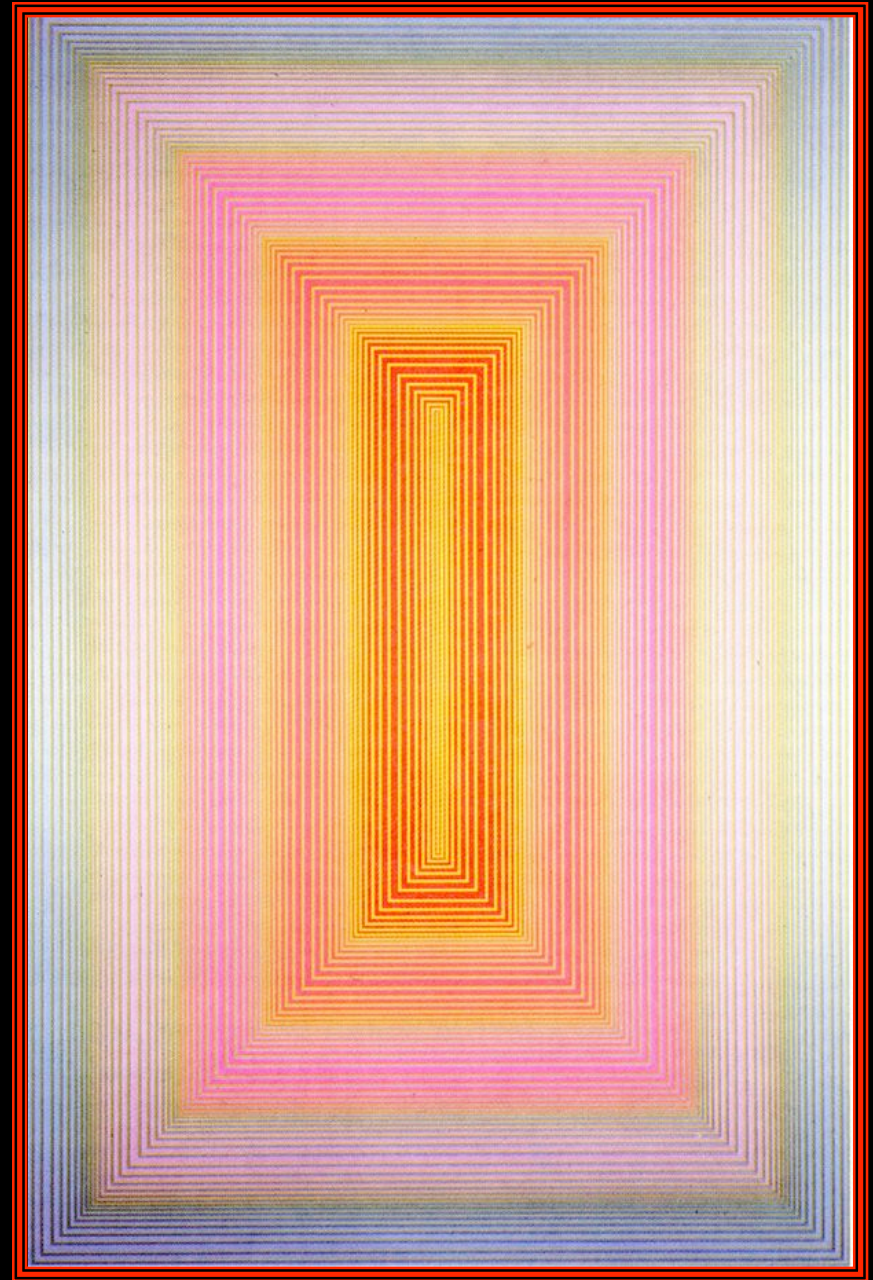
Andy Warhol: *Coca Cola Bottles* (1962)

Visual Art Precedents—Op Art



▲ Victor Vasarely: *VEGA PER* (1969)

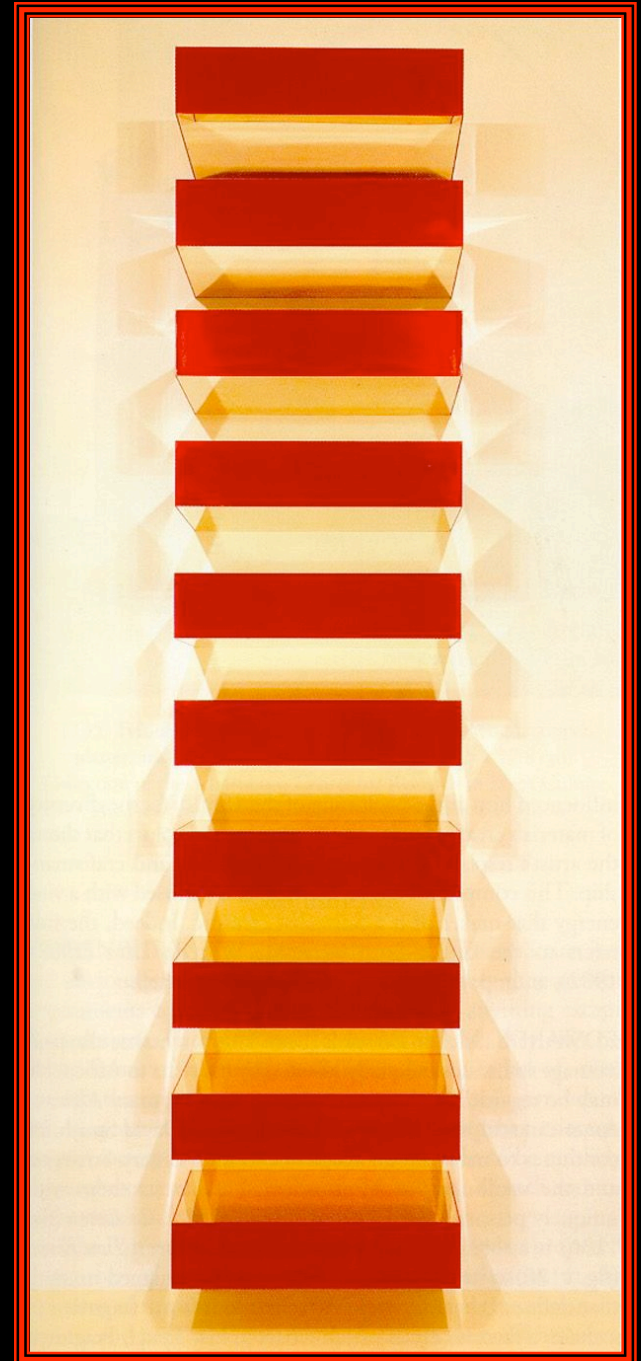
▶ Richard Anuskiewicz:
Entrance to Green (1970)



Minimalist Art

► Donald Judd: *Untitled* (1965)

▼ Donald Judd: *Untitled* (1963); painted plywood with iron pipe.



Minimalist Composers



▲ **Terry Riley**
(b. 1935)



▲ **Philip Glass**
(b. 1937)



◀ **Steve Reich**
(b. 1936)

Minimalist Composers



Terry Riley
(b. 1935)



Terry Riley: *In C* (1964)

The musical score for Terry Riley's *In C* (1964) is presented in a single system with 53 numbered measures. The notation is written on a single five-line staff using a treble clef. The key signature is C major, indicated by a single sharp (F#) on the first line. The time signature is common time (C). The score is organized into rows of measures: the first row contains measures 1-7, the second row contains measures 8-13, the third row contains measures 14-19, the fourth row contains measures 20-23, the fifth row contains measures 24-27, the sixth row contains measures 28-33, the seventh row contains measures 34-36, the eighth row contains measures 37-43, the ninth row contains measures 44-48, and the final row contains measures 49-53. The notation includes various rhythmic values such as eighth, quarter, and half notes, as well as rests. The piece is characterized by its minimalist, drone-like quality, with many measures containing single notes or simple rhythmic patterns.

1 2 3 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 32 33

34 35 36

37 38 39 40 41 42 43

44 45 46 47 48

49 50 51 52 53

Non-Western Influences

South Indian ensemble ▶



West African drummers ▲

Indonesian gamelan ▶



Minimalist Composers



Steve Reich (b. 1936)

Steve Reich: *Piano Phase* (1967)

♩. = ca. 72

Repeat each bar approximately number of times written. / Jeder Takt soll approximativ wiederholt werden entsprechend der angegebenen Anzahl. / Répétez chaque mesure à peu près le nombre de fois indiqué.

1 (x4-8) 2 (x12-18) 3 (x16-24) (x4-16) (x4-16) (tempo 1)

r.h. i.h. r.h. i.h. hold tempo 1 accel very slightly a.v.s.

Section 1
(12-note pattern)

fade in non legato mf temporal phasing

4 (x16-24) (x4-16) 5 (x16-24) (x4-16) 6 (x16-24) (x4-16)

(tempo 1) (tempo 1) (tempo 1) (tempo 1)

hold tempo 1 a.v.s. hold tempo 1 a.v.s. hold tempo 1 a.v.s.

7 (x16-24) (x4-16) 8 (x16-24) (x4-16) 9 (x12-24) (x4-16)

(tempo 1) (tempo 1) (tempo 1) (tempo 1)

hold tempo 1 a.v.s. hold tempo 1 a.v.s. hold tempo 1 a.v.s.

Steve Reich: *Piano Phase* (1967)

10 (x 12-24) (x 4-16) 11 (x 12-24) (x 4-16) 12 (x 12-24) (x 4-16)

(tempo 1) (tempo 1) (tempo 1)

hold tempo 1 a.v.s. hold tempo 1 a.v.s. hold tempo 1 a.v.s.

13 (x 12-24) (x 4-16) 14 (x 4-8) 15 (x 4-8)

(tempo 1)

hold tempo 1 a.v.s. hold tempo 1 fade out

16 (x 6-8) 17 (x 16-32) (x 6-18) 18 (x 16-32) (x 6-18) 19 (x 16-32) (x 6-18)

(tempo 1) (tempo 1) (tempo 1)

Section 2 (8-note pattern)

fade in mf hold tempo 1 a.v.s. hold tempo 1 a.v.s. hold tempo 1 a.v.s.

Steve Reich: *Music for Pieces of Wood* (1972)

The image displays a musical score for Steve Reich's *Music for Pieces of Wood* (1972), specifically measures 30 through 41. The score is written for five staves, numbered 1 to 5. Measures 30-33 are on the first system, 34-37 on the second, and 38-41 on the third. The notation includes various rhythmic patterns, rests, and dynamic markings such as *f* (forte) and *sf* (sforzando). Repeating rhythmic figures are indicated by multi-measure rests with multipliers like $(\times 10-16)$ and $(\times 4-8)$. A red dashed box highlights a specific rhythmic pattern in measures 39-40 across staves 2, 3, and 4. A red arrow points to the end of measure 41 with the label "pulse". A red bracket on the right side of the score, spanning measures 39-40, is labeled "metric phasing patterns".

Minimalist Composers



Philip Glass (b. 1937)



The Philip Glass Ensemble



Additive Processes

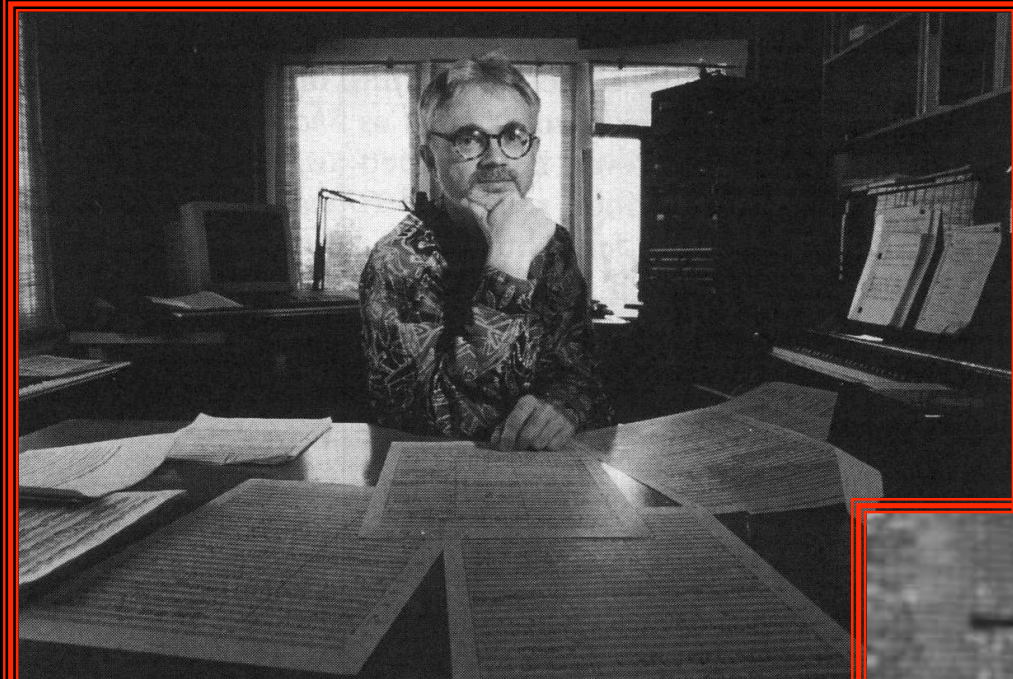
Philip Glass: *Music in Fifths* (1967)—mm.13-19

4 + 4 2 + 4 + 4 2 + 4 + 2 + 4

2 + 3 + 4 + 2 + 4 2 + 3 + 4 + 2 + 3 + 4

2 + 3 + 4 + 4 + 2 + 3 + 4 2 + 3 + 4 + 4 + 2 + 3 + 4 + 4

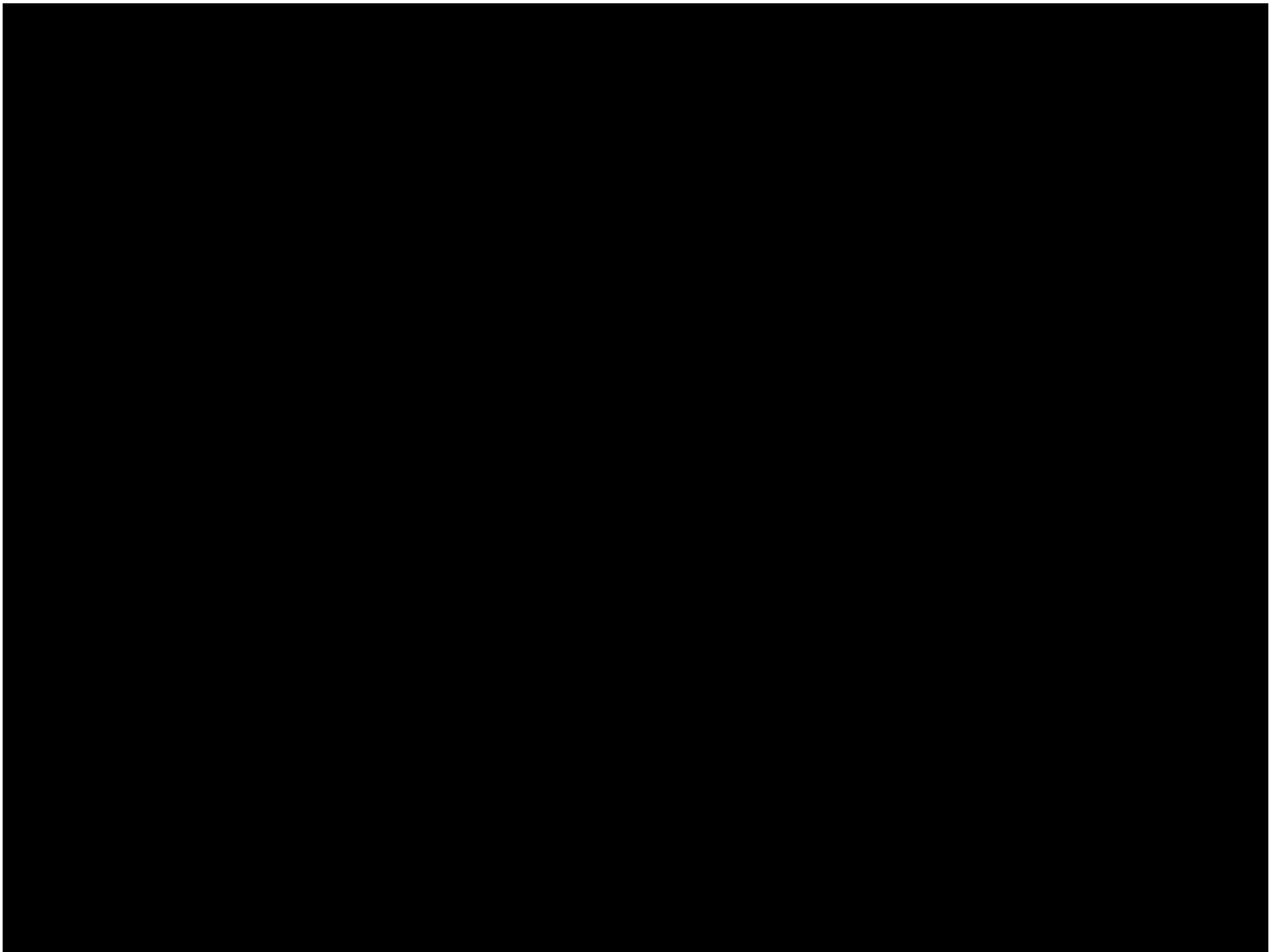
Minimalist Composers—Second Generation



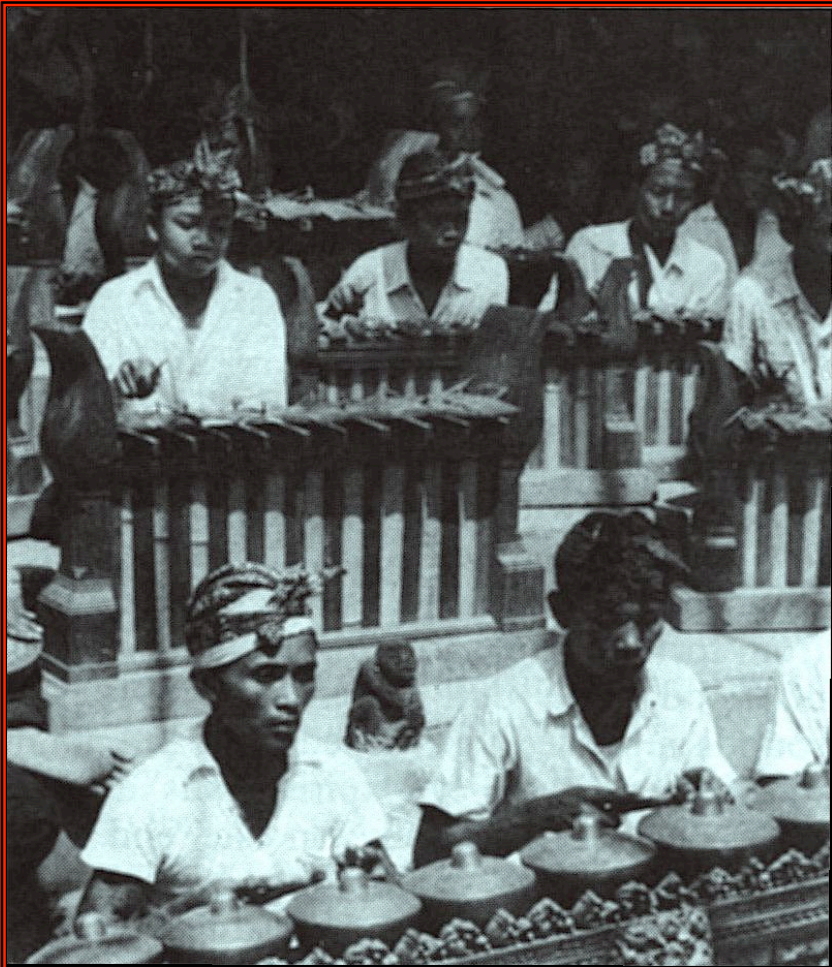
▲ **John Adams** (b. 1943)

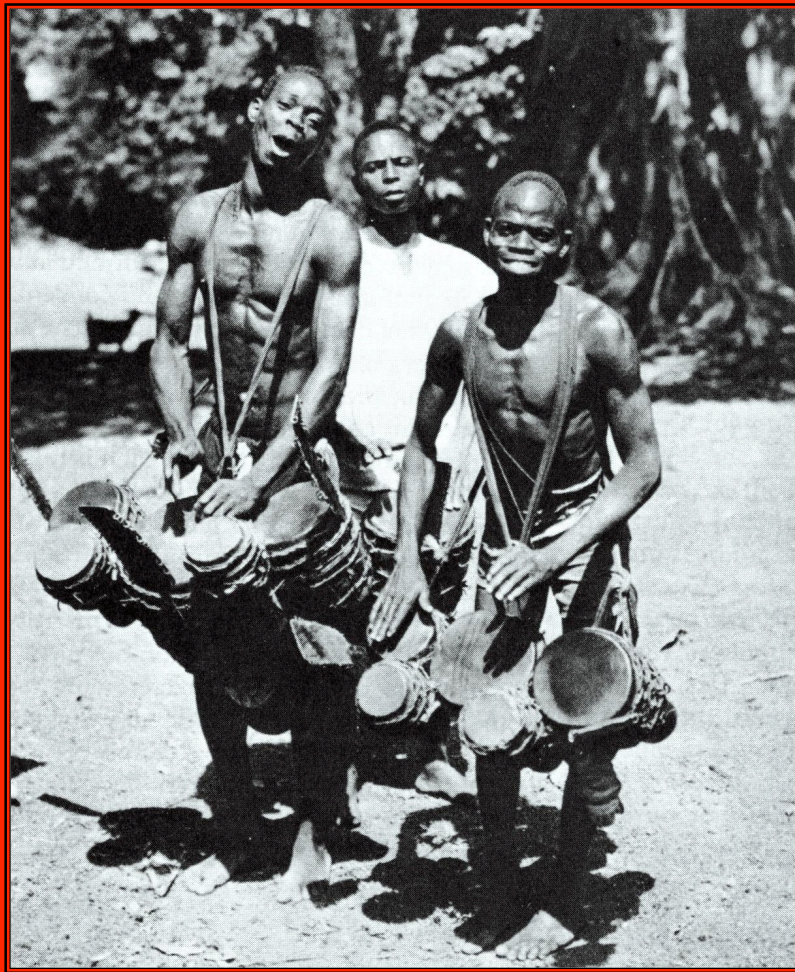
▼ **Louis Andriessen** (b. 1939)





Indonesian gamelan





West African drummers



South Indian Ensemble



◀ Philip Glass (right) with Ravi Shankar