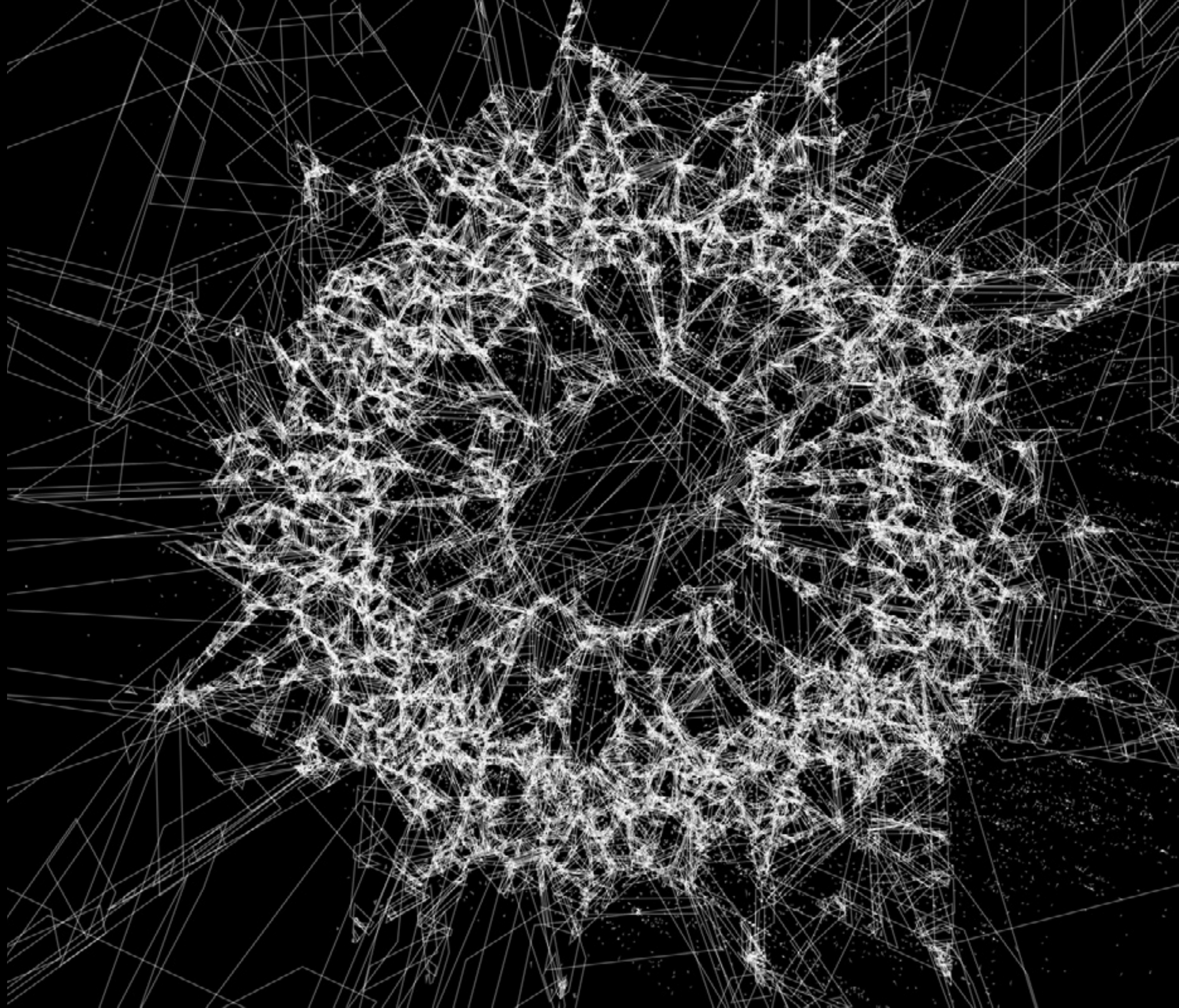


PROCESSING [INTRO]

JULIEN
GACHADOAT

@V3GA



PROCESSING [INTRO]

PROCESSING (2001)

Processing

A Programming
Handbook for
Visual Designers
and Artists

Casey Reas
Ben Fry

Foreword by John Maeda

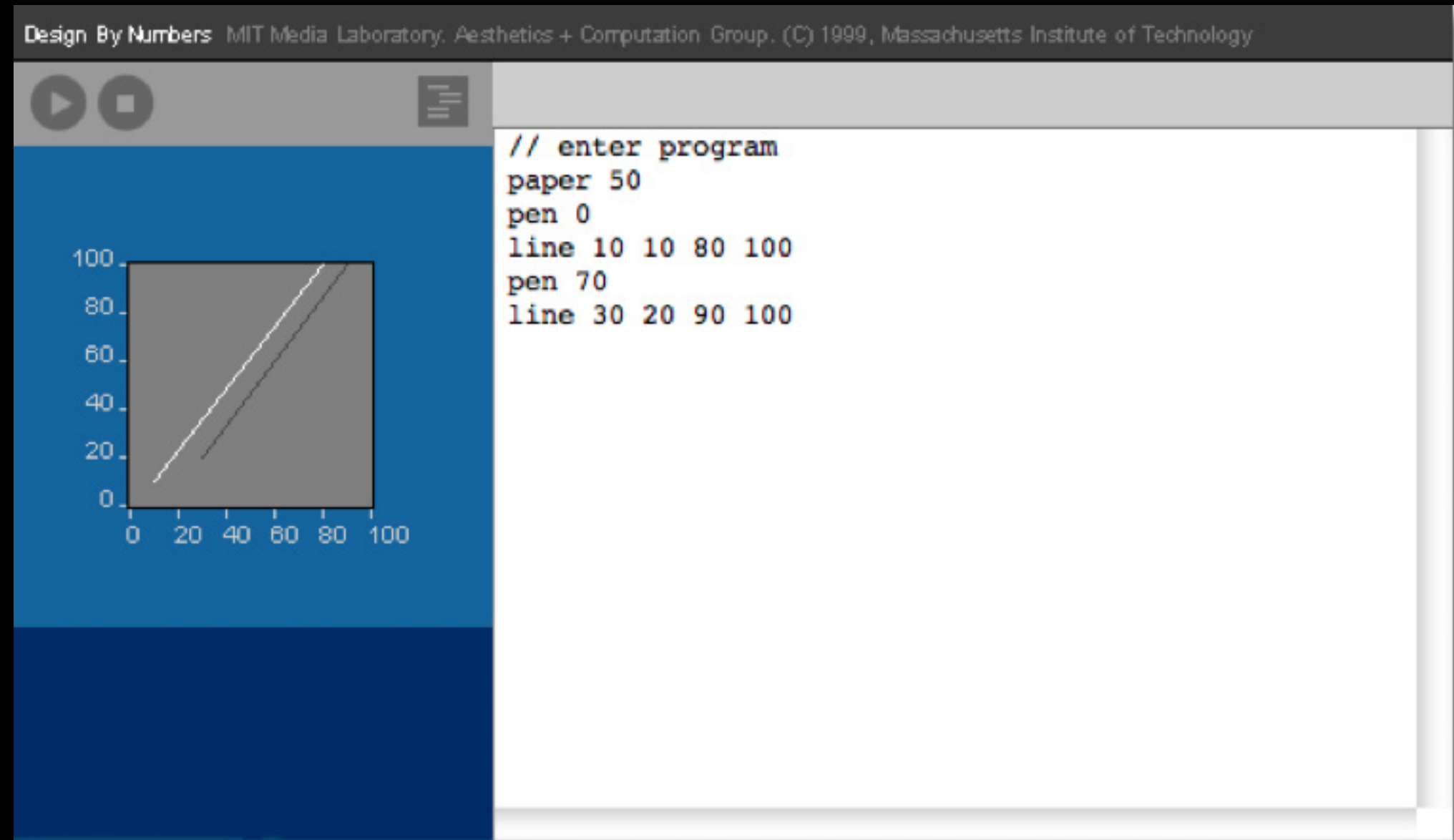
PROCESSING [INTRO]

CASEY REAS BEN FRY



PROCESSING [INTRO]

DESIGN BY NUMBERS (1999)



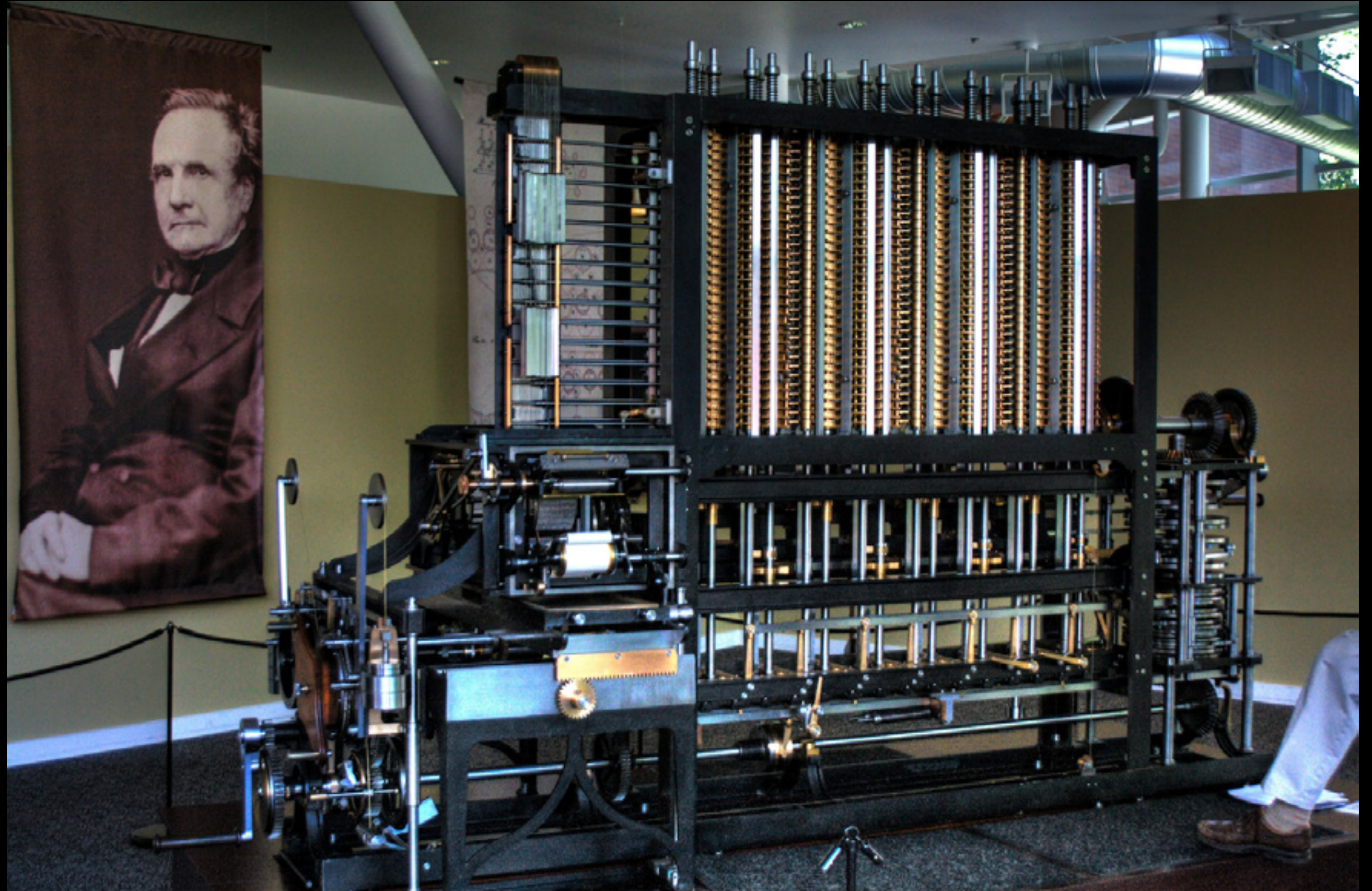
PROCESSING [INTRO]

GASPARD DE PRONY (1755-1839)



PROCESSING [INTRO]

CHARLES BABBAGE (1791-1871)



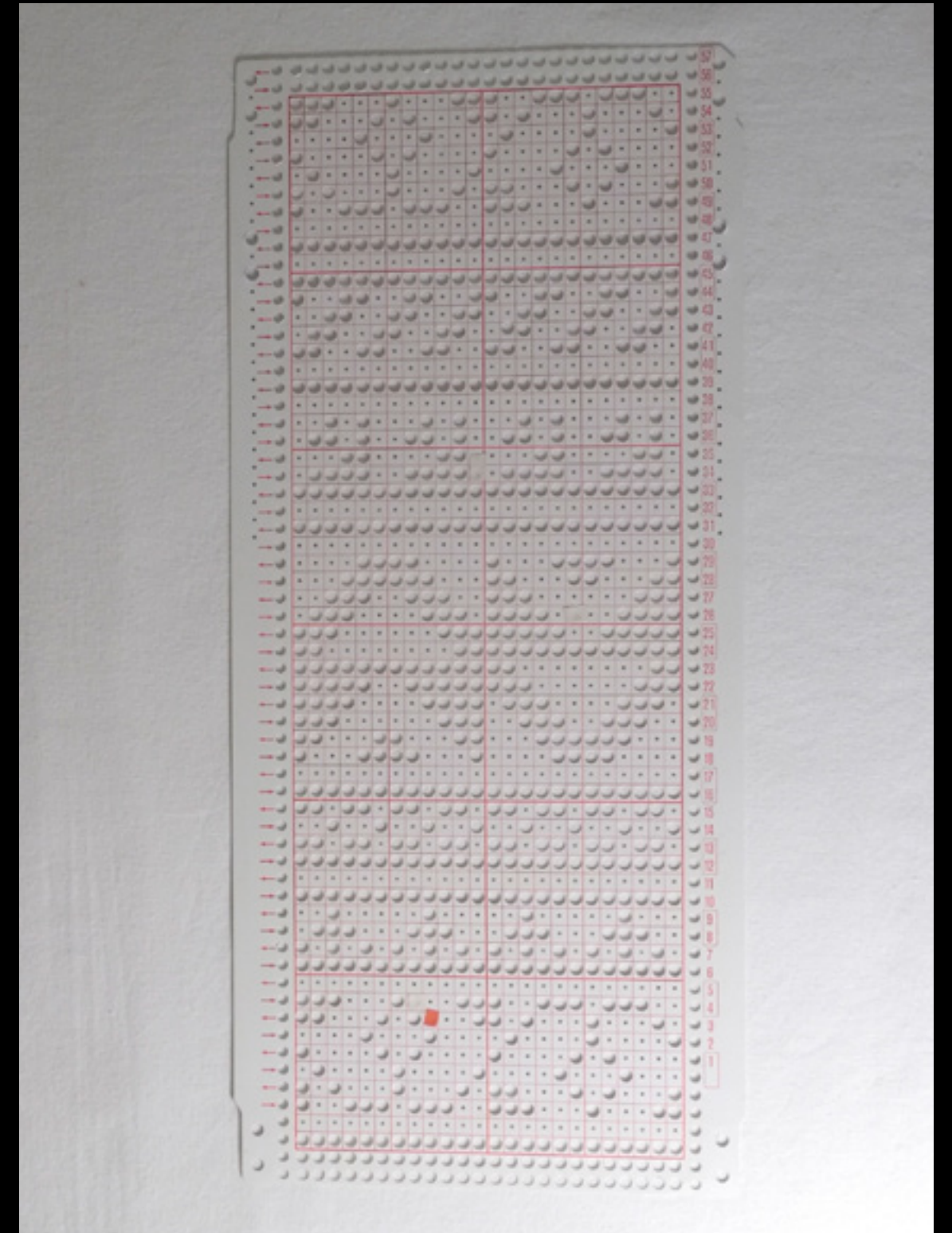
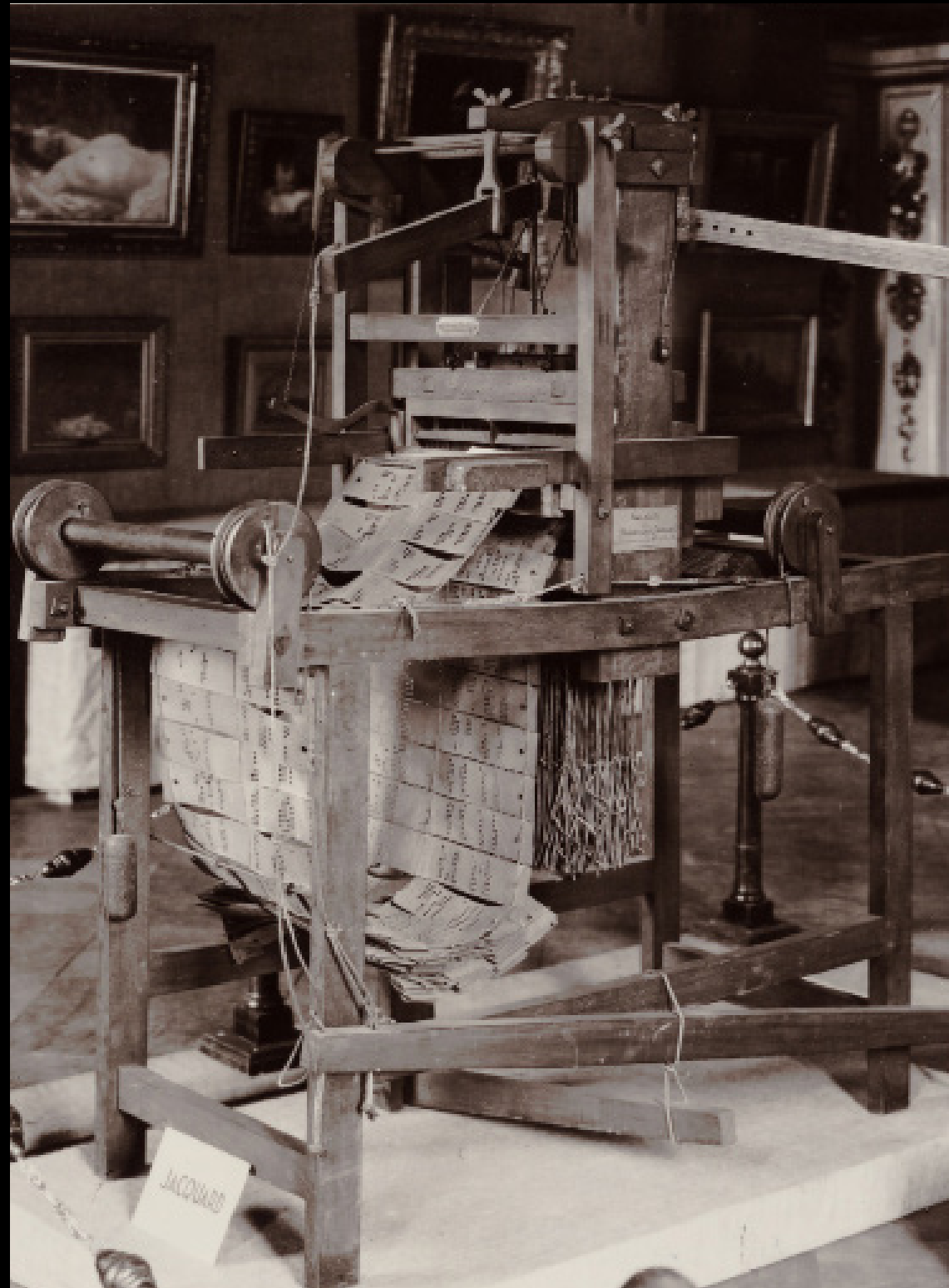
PROCESSING [INTRO]

ADA LOVELACE (1815-1852)



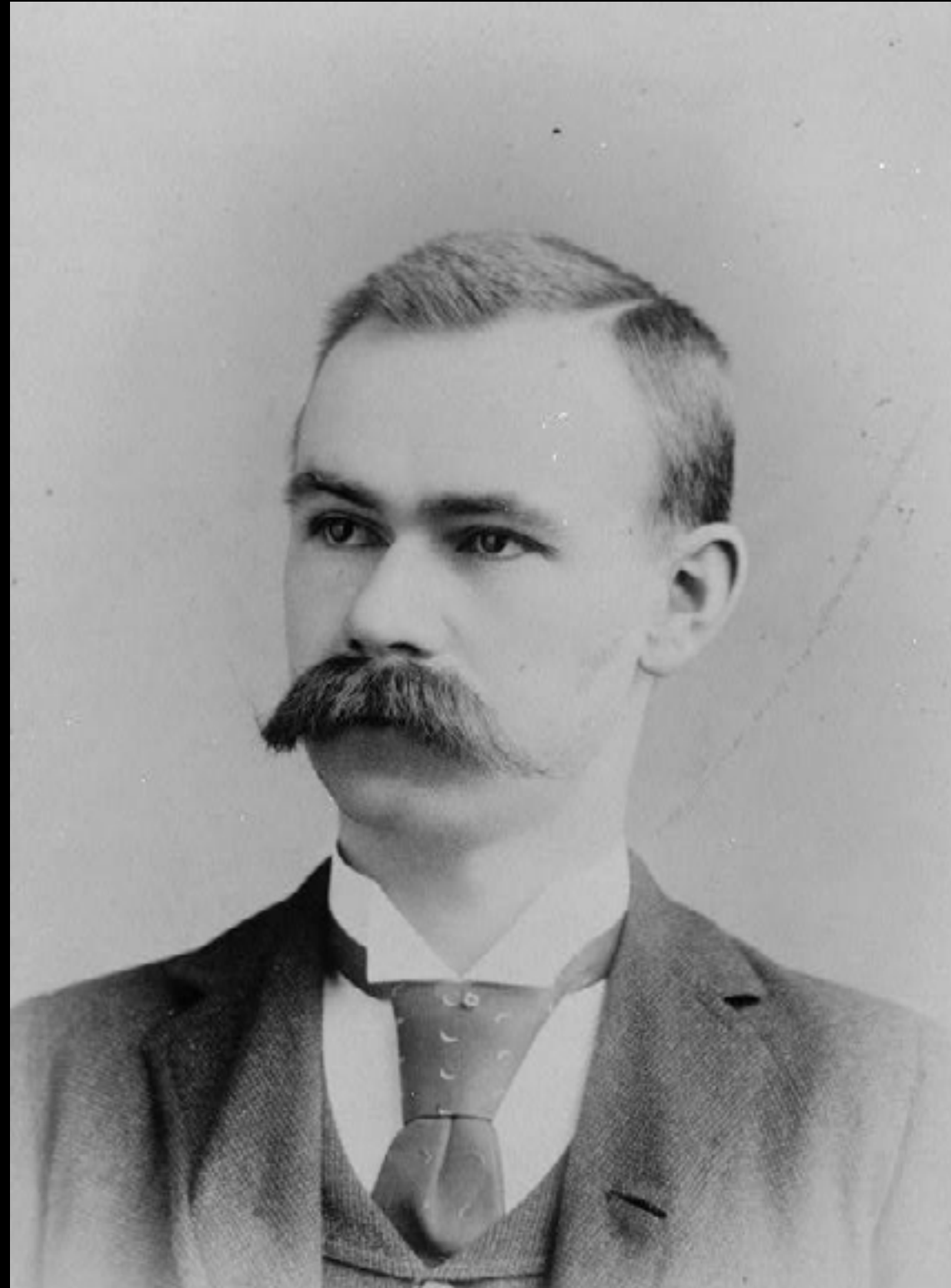
PROCESSING [INTRO]

MÉTIER JACQUARD (1801)



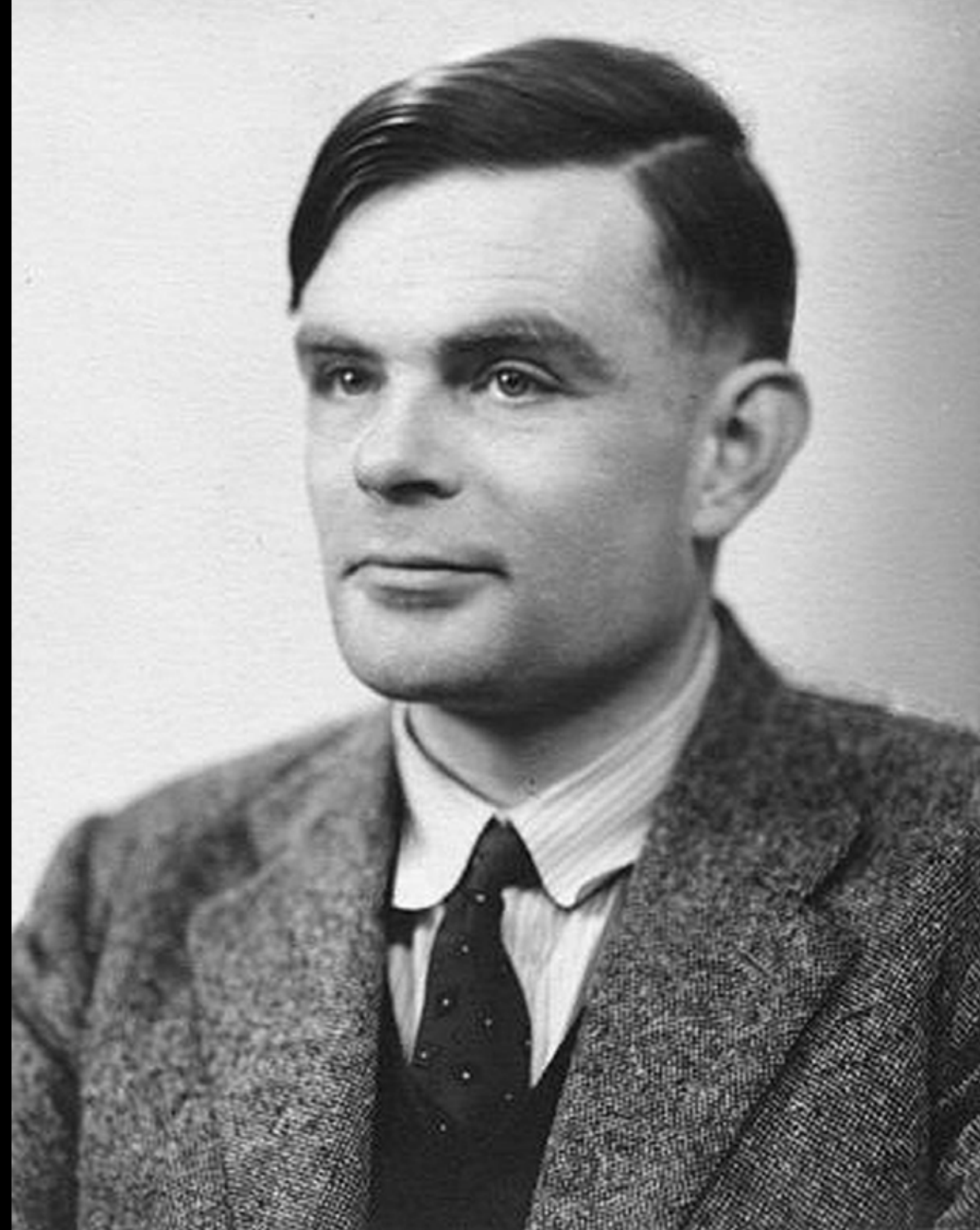
PROCESSING [INTRO]

HERMAN HOLLERITH (1860-1929)



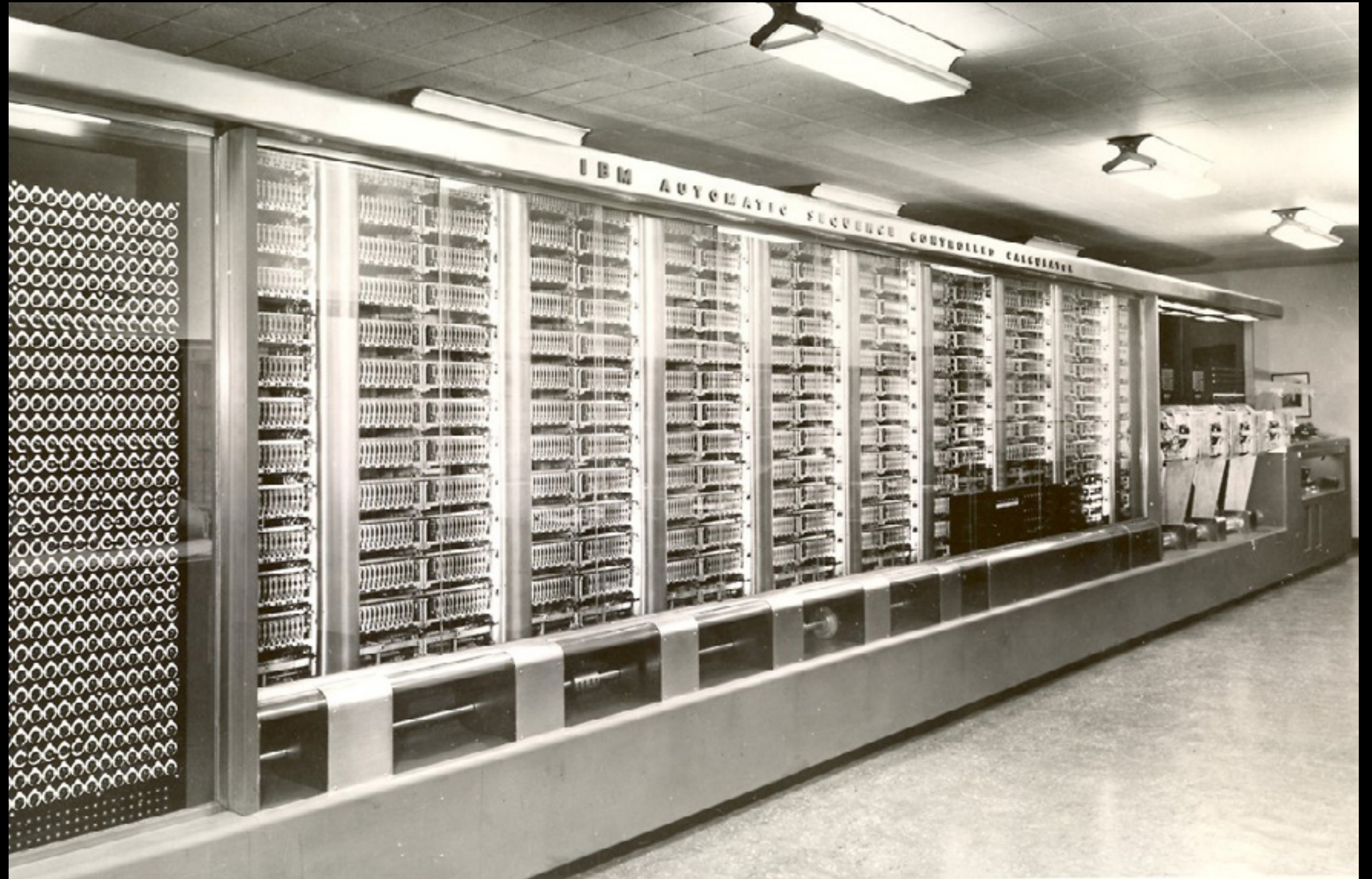
PROCESSING [INTRO]

ALAN TURING (1912-1954)



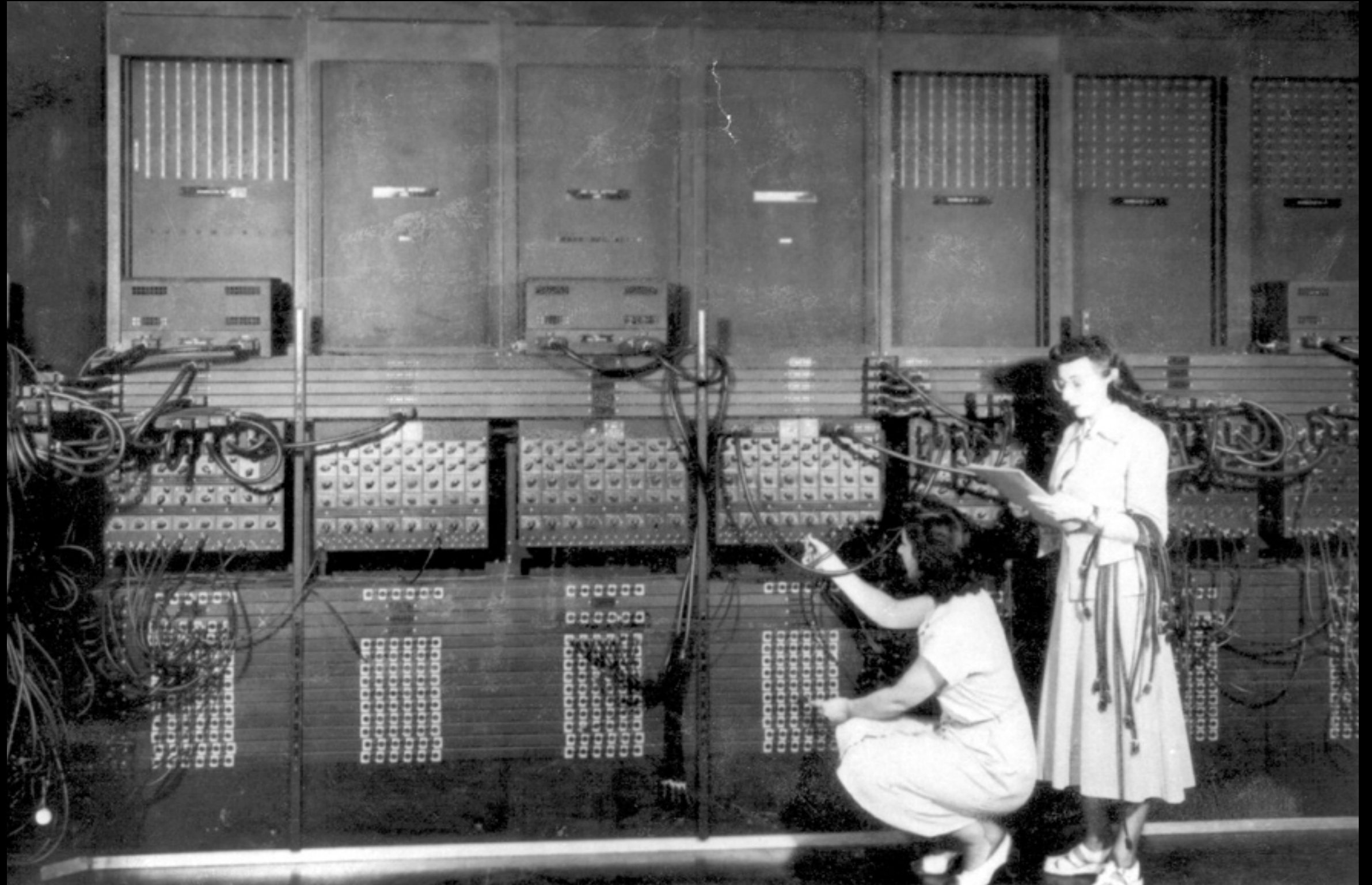
PROCESSING [INTRO]

HARVARD MARK I (1944)



PROCESSING [INTRO]

ENIAC (1945)



GRACE HOPPER (1906-1992)



9/9

0800 Antenna started
1000 " stopped - antenna ✓
1300 (034) MP-MC 1.304776415 (2) 4.615925059 (-2)
034 PRO 2 2.1304776415
conv 2.130676415
Relays 6-2 in 033 failed special speed test
in relay 11.00 test.

1100 Started Cosine Tape (Sine check)
1525 Started Multi-Adder Test.

1545  Relay #70 Panel F
(moth) in relay.

First actual case of bug being found.
1630 Antenna started.
1700 closed down.

Relay 2145
Relay 337

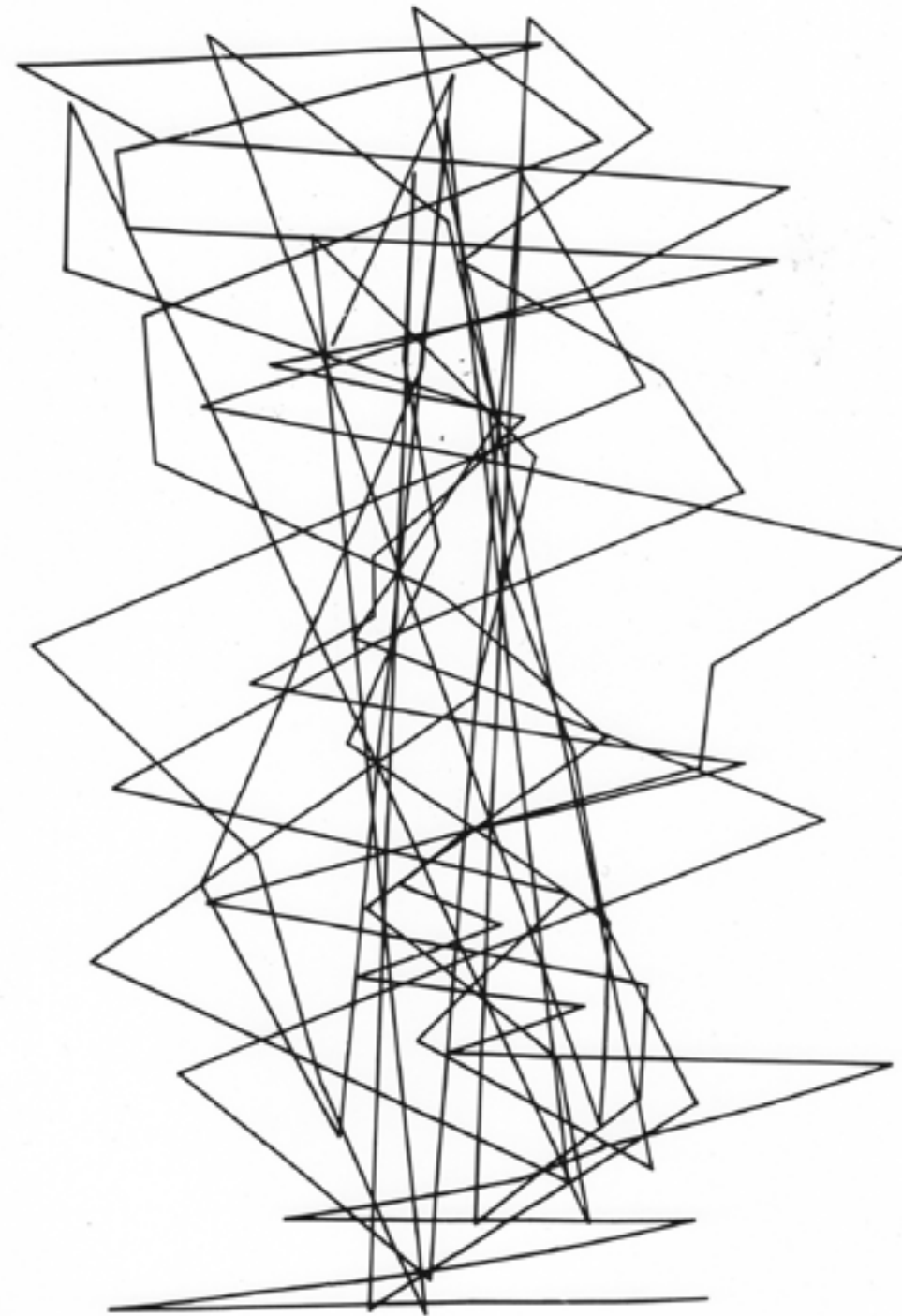
PROCESSING [INTRO]

IVAN SUTHERLAND



PROCESSING [INTRO]

MICHAEL NOLL



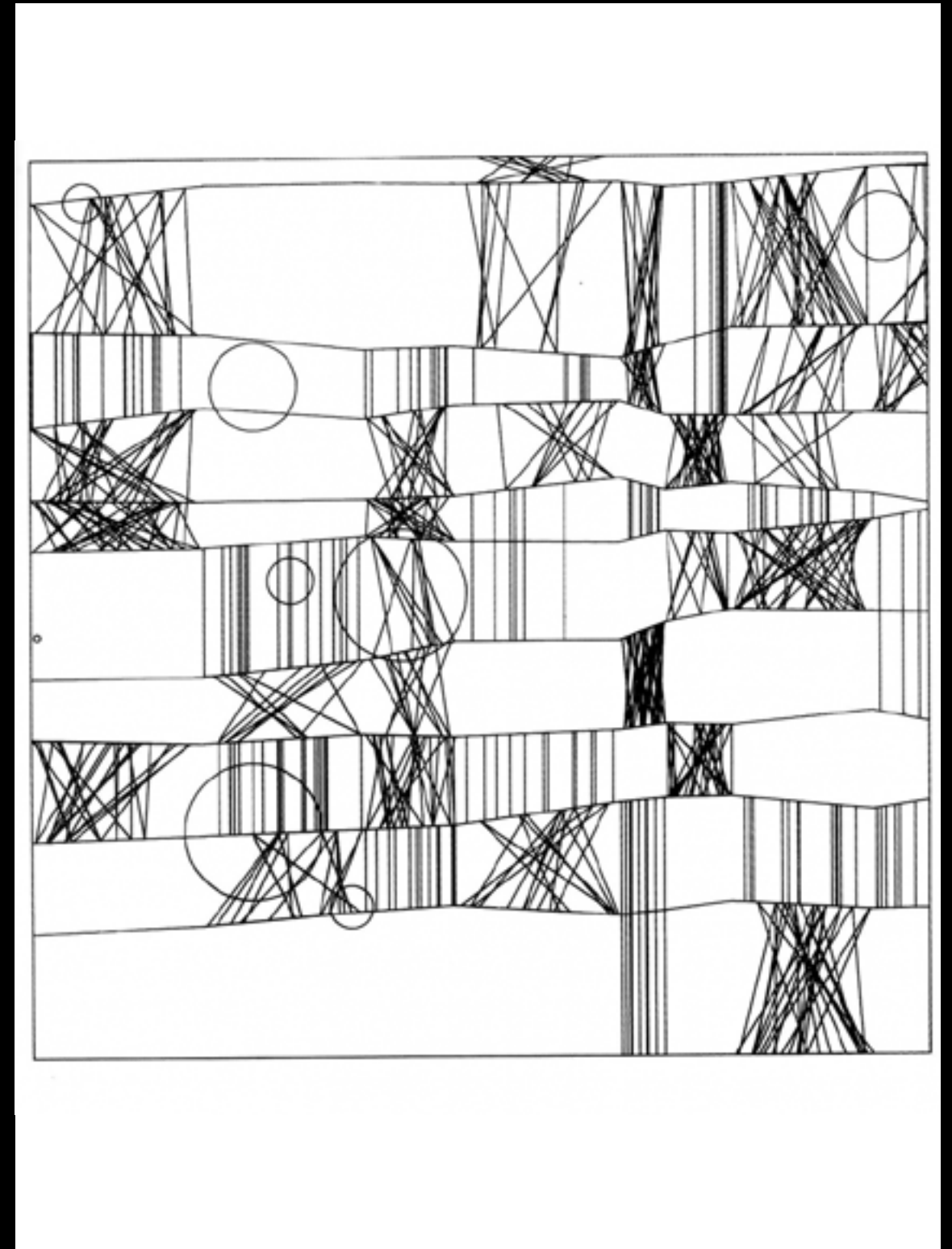
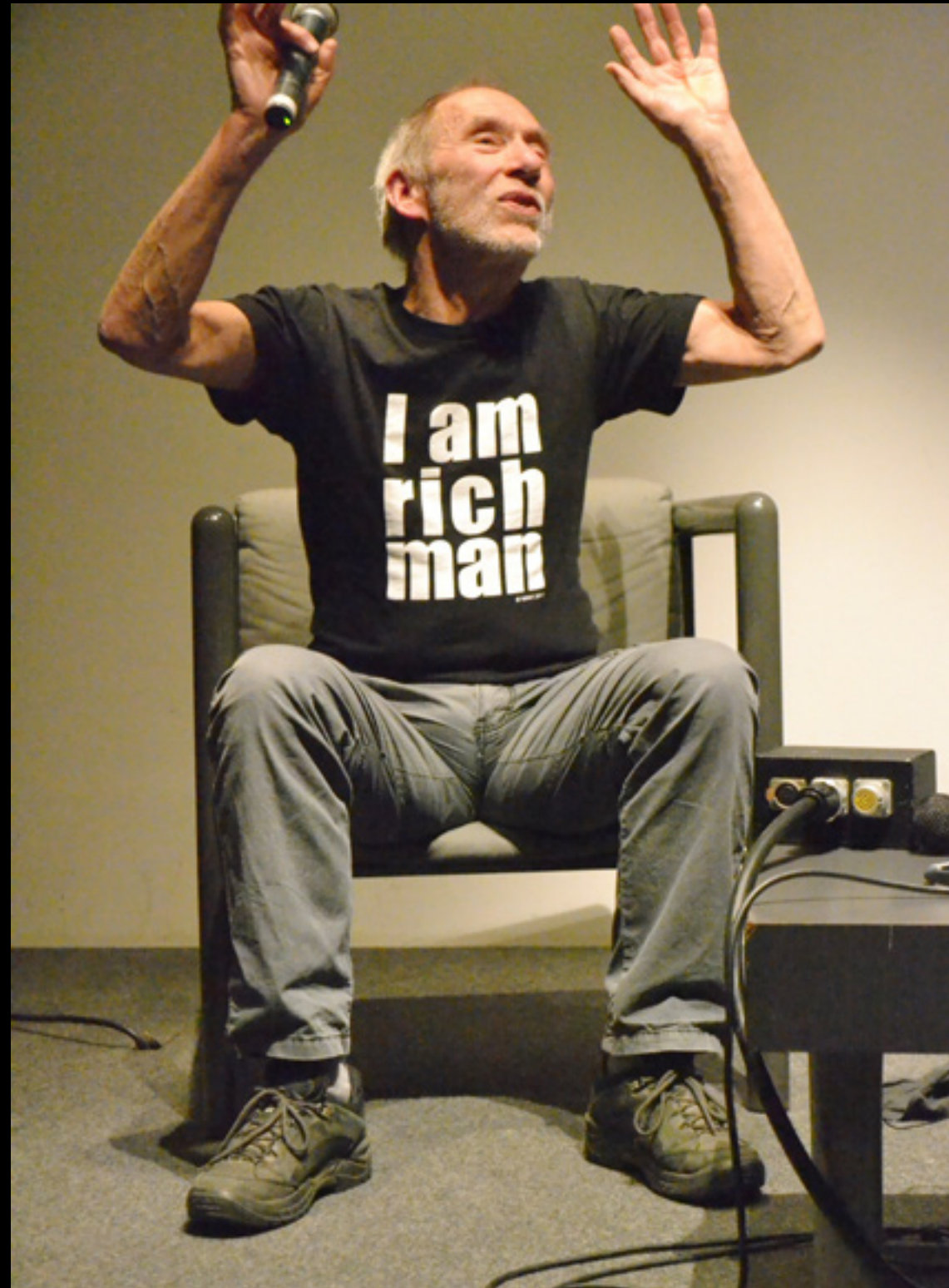
© AMN 1965

```
C . PATTERN TWO
  DIMENSION FX1(300),IX1(300),IY1(300),FX2(300),FY2(300),IX2(300),IY2
  1(300)
  B=526060606060
  CALL ROLL
  CALL REPRT(0,1023,1024,1024)
  DO 100 I=1,200
100  IY1(I)=I*(I+5)
      CALL WNG(FX1,200,1200,.)
      CALL WNG(FX2,300,75,.)
      CALL WNG(FY2,300,75,.)
      DO 101 J=1,300
101  IX1(I)=FX1(I)
      DO 102 J=1,300
102  IY2(J)=FY2(J)+300.
      CALL DVR2(IX1,IY1,99)
      CALL TSP1(IX2,IY2,B,299)
      CALL TSP1(IX2,IY2,B,299)
      CALL TSP1(IX2,IY2,B,299)
      CALL TSP1(IX2,IY2,B,299)
      CALL CLEAN
      CALL SYSTEM
```

FORTRAN program used to produce "Pattern Two."

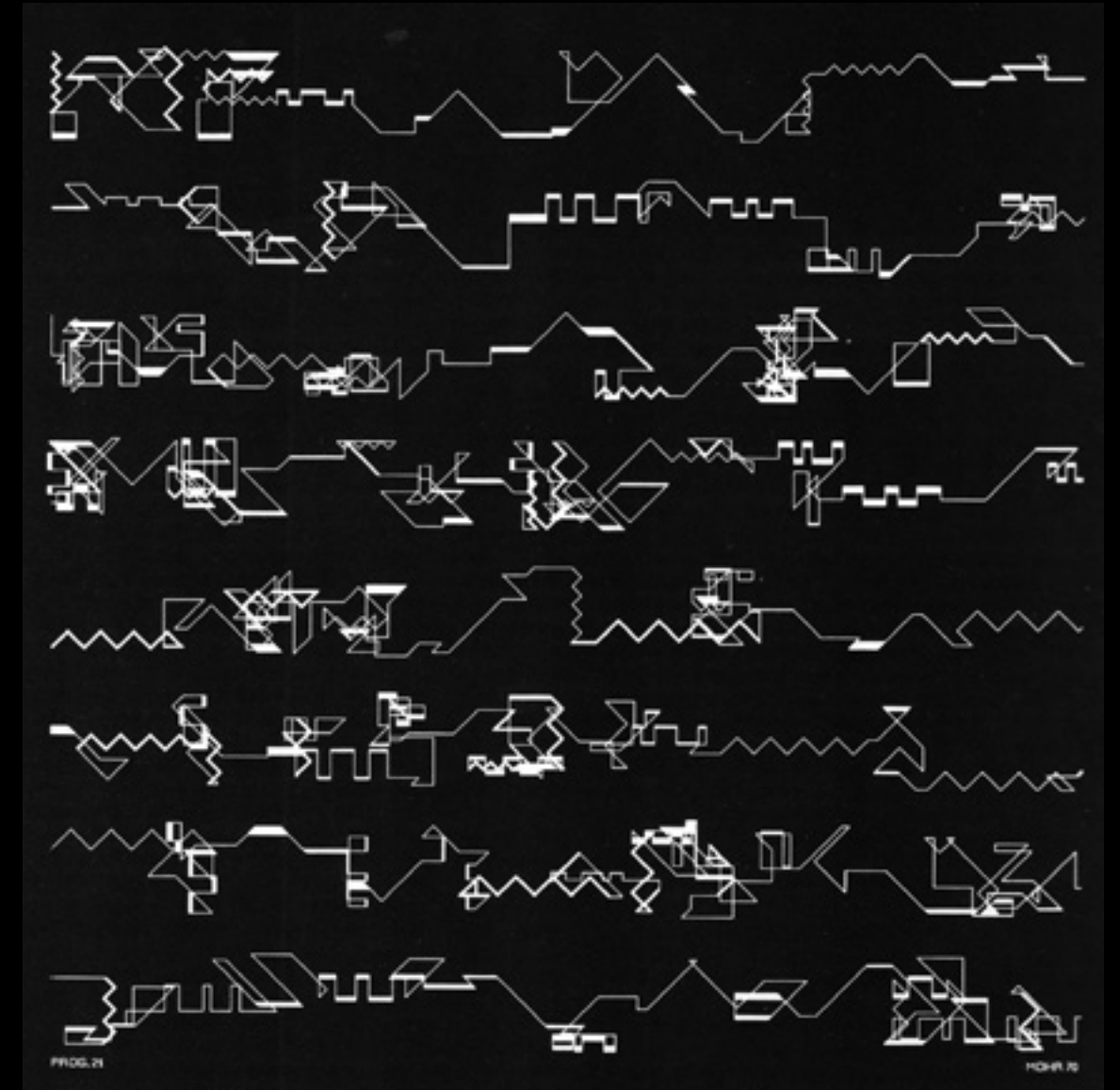
PROCESSING [INTRO]

FRIEDER NAKE



PROCESSING [INTRO]

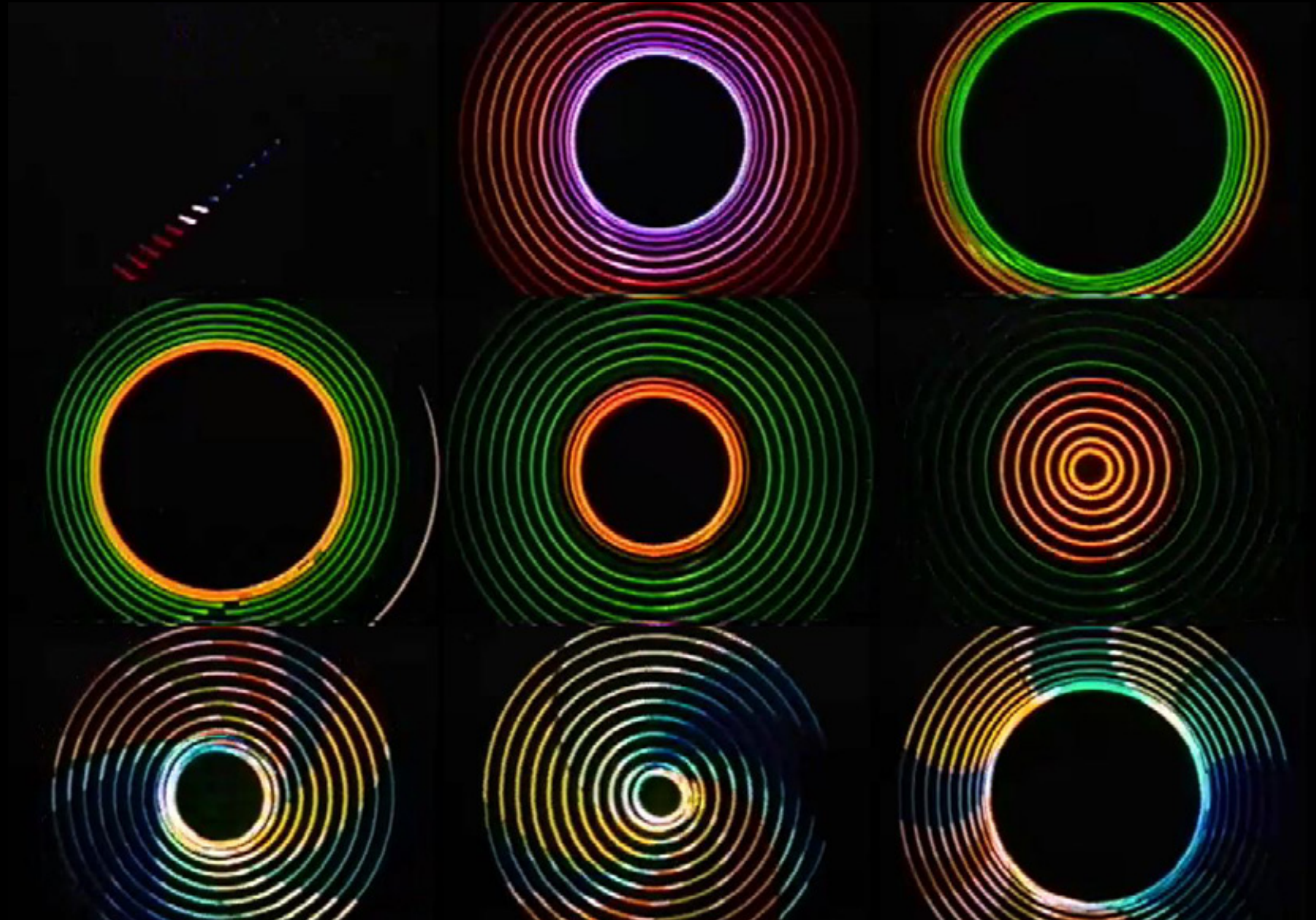
MANFRED MOHR



QUE PENSEZ-VOUS DE LA RECHERCHE ESTHETIQUE FAITE A L'AIDE D'UN ORDINATEUR?
 MAN SOLLTE DER MASCHINE IN DEN ARSCH TRETEN!!!
 ERREURS DE PROGRAMMATION
 LA MACHINE SURREALISTE
 NIST
 OK
 BRETON
 F3L<?

PROCESSING [INTRO]

JOHN WHITNEY



PROCESSING [INTRO]

DOUGLAS
ENGELBART
(1925-2013)



PROCESSING [INTRO]

THE MOTHER OF ALL DEMOS (1968)



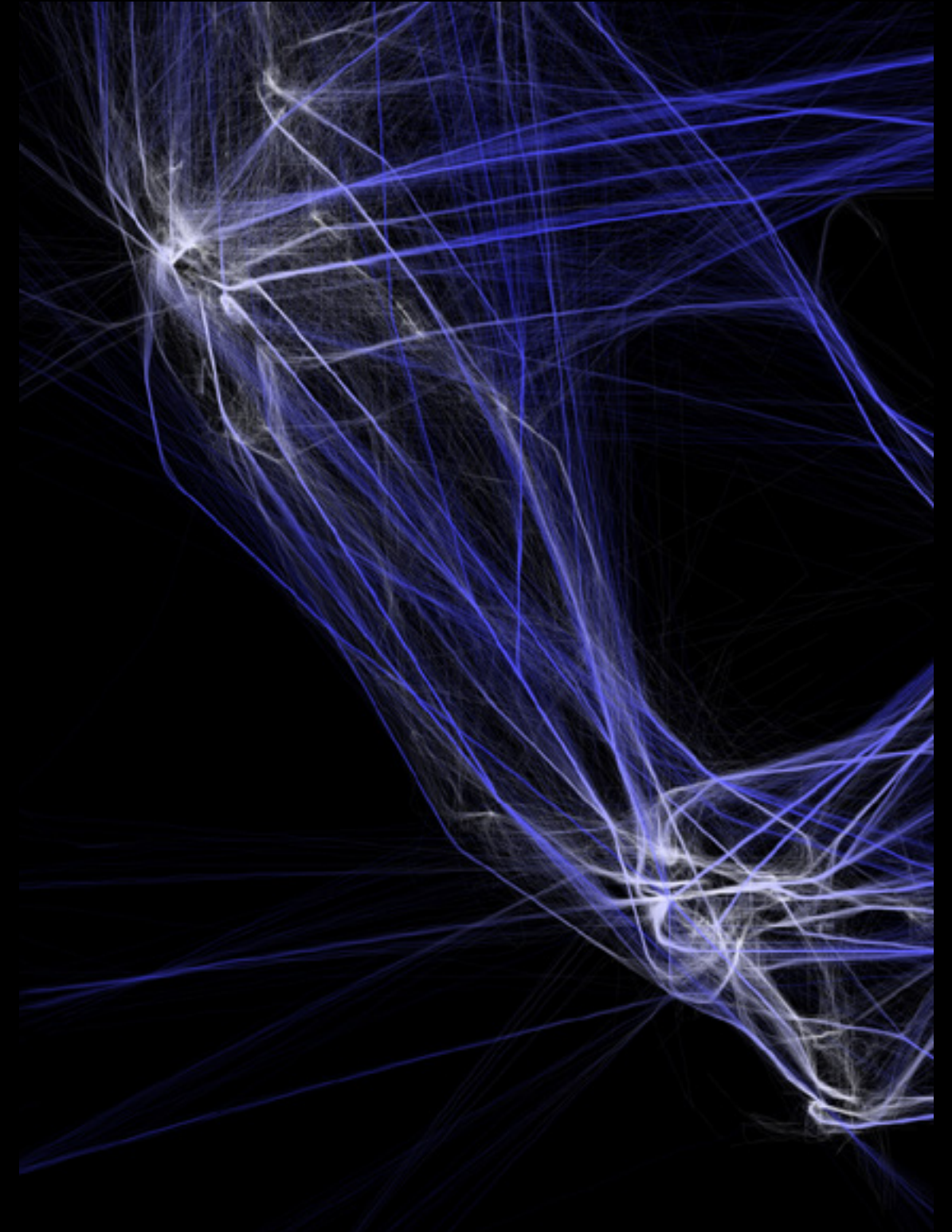
PROCESSING [INTRO]

MYRON KRUEGER



PROCESSING [INTRO]

AARON KOBLIN



PROCESSING [INTRO]

DEMOSCENE (1989)



2R0QS



PROCESSING [INTRO]

MURMUR (2013)

