

# Who Got Einstein's Office?

Eccentricity  
and Genius  
at the  
Institute for  
Advanced  
Study



*Ed Regis*

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10 REM Cellular Automata Program
15 REM Mod 2 Cellular Automata Rule. Initial value: single site
20 REM Macintosh Microsoft BASIC 2.1 Version
30 REM Copyright 1986 by Nicholas B. Tufillaro.
40 DEFINT i,j,k
50 REM Site arrays, R is current row, Q is previous row
60 DIM R(512), Q(512)
70 DEFINT XMAX, YMAX: XMAX = 512: YMAX = 342
75 REM Initial Value single site at top center of screen.
80 Q(255) = 1: PSET (255, 0)
90 FOR n=1 TO YMAX-1
100  FOR j=0 TO XMAX-1
120     i=j-1
130     IF i=-1 THEN i=XMAX-1
140     k=j + 1
150     IF k=XMAX THEN k=0
160     REM Cellular Automata Rule "Mod 2"
170     site=(Q(i) + Q(k)) MOD 2
180     R(j) = site
190     IF site=1 THEN PSET (j,n)
200  NEXT j
210  FOR j=0 TO XMAX-1
220     Q(j) = R(j)
230  NEXT j
240 NEXT n
250 END

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