```
10 ' *================================*
20 ' *    EFEITO DE CALEIDOSCOPIO     *
30 ' *        AMSTRAD  MAGAZINE       *
40 ' *================================*
50 '
60 MODE 1:INK 14,0:INK 15,2
70 INPUT"MODO GRAFICO (0/1/3): ";m
80 INPUT"DIMENSOES (5-30): ";f
90 INPUT"NUMERO DE REPETICOES: ";e
100 INPUT"NUMERO DE INCREMENTOS: ";g
110 INPUT"NUMERO DE LINHAS P/ BLOCO: ";d
120 INPUT"COMPRIMENTO DAS LINHAS: ";c
130 PRINT CHR$(23)CHR$(m);
140 MODE 0:ORIGIN 320,200
150 CLS:FOR z=1 TO e:FOR a=1 TO g
160 x=INT(RND*f)*a:y=INT(RND*f)*a
170 xx=INT(RND*f)*a:yy=INT(RND*f)*a
180 p=INT(RND*15)+1
190 FOR b=1 TO d
200 PLOT x+b*c,y+b*c,p
210 DRAW xx+b*c,yy+b*c
220 PLOT -x-b*c,y+b*c
230 DRAW -xx-b*c,yy+b*c
240 PLOT x+b*c,-y-b*c
250 DRAW xx+b*c,-yy-b*c
260 PLOT -x-b*c,-y-b*c
270 DRAW -xx-b*c,-yy-b*c
280 NEXT:NEXT:NEXT
290 SOUND 1,200,200,7
300 a$="":WHILE a$="":a$=INKEY$:WEND
310 IF LOWER$(a$)="s" THEN 340
320 IF LOWER$(a$)="n" THEN RUN
330 GOTO 150
340 SAVE"!pic",b,&C000,&4000
350 LOCATE 8,12:PRINT"LISTO"
360 FOR p=1 TO 600:NEXT:RUN
```