

**APPENDIX I**

BASIC program for the reconstruction of noseleaves using Fourier analysis

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10 C0=27.3333
20 C1=11.6681
30 C2=6.474
40 C3=4.9056
50 C4=2.1053
60 C5=1.7254
70 C6=1.5555
80 C7=.9362
90 C8=1.0101
100 C9=1
131 SCREEN 1: COLOR 9,0
132 VIEW (30,20)-(308,172),0,2
133 WINDOW (-60,-38)-(60,38)
140 FOR T=0 TO 6.28 STEP .01
150 RAD=C0+C1*COS(T)+C2*COS(2*T)+C3*COS(3*T)+C4*COS(4*T)+C5*COS(
5*T)+C6*COS(6*T)+C7*COS(7*T)+C8*COS(8*T)+C9*COS(9*T) ...
160 X=RAD*COS(T) : Y=RAD*SIN(T)
170 LINE-(X,Y)
180 NEXT T
190 END
```

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