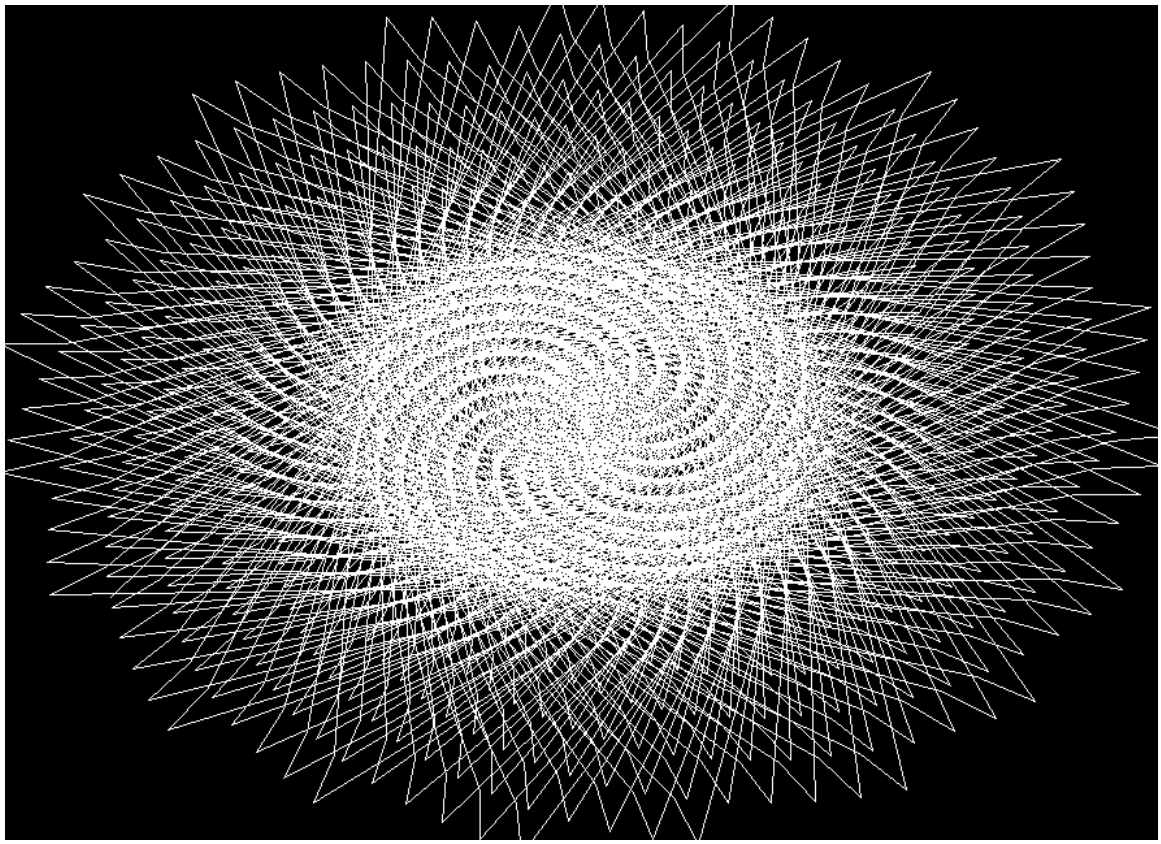
Example Programs

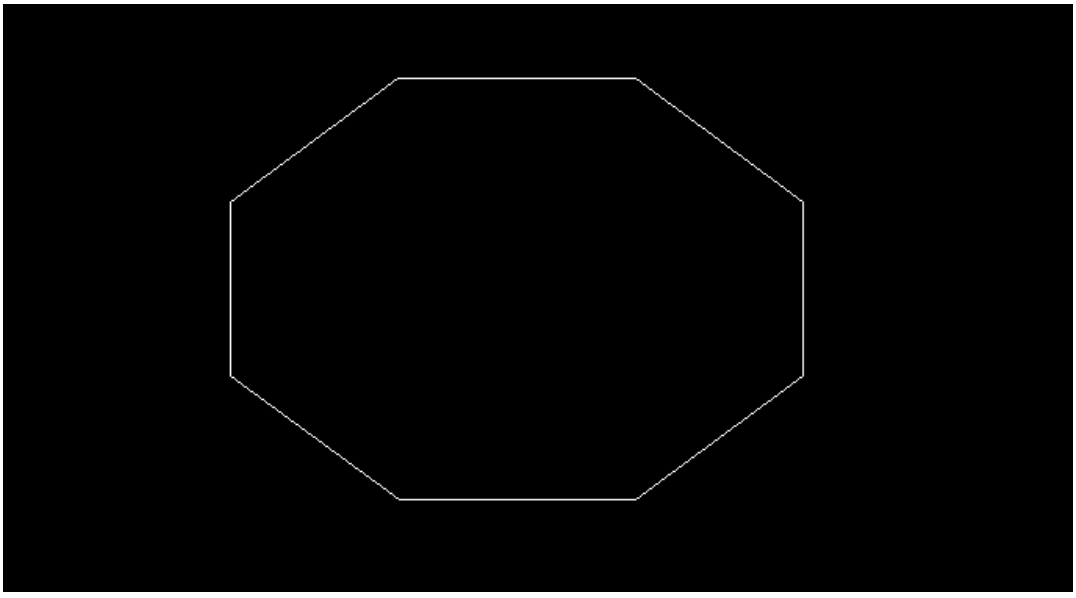
Program 1

```
{
   DO A FROM 1 TO 800 {
      SET C := A 0.00000000001 * ;
      FD C
      RT 213
    SET D := A 0.00000000015 * ;
    FD D
    RT 13
    SET E := C D + ;
    SET F := C D - ;
    SET G := E F / ;
    LT G
}
}
```



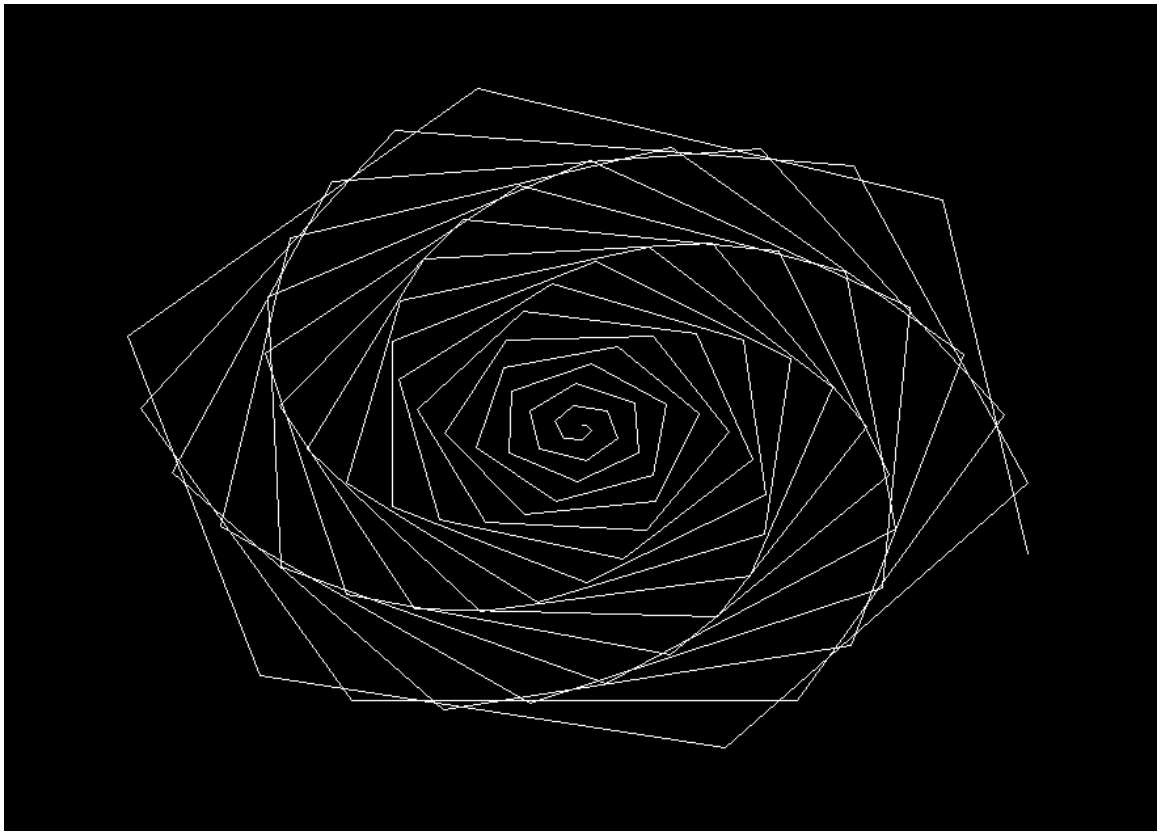
Program 2.

```
{
 FD 30
 LT 45
 FD 30
 LT 45
 FD 30
 LT 45
 FD 30
 LT 45
 FD 30
 LT 45
 FD 30
 LT 45
 FD 30
 LT 45
 FD 30
 LT 45
}
```

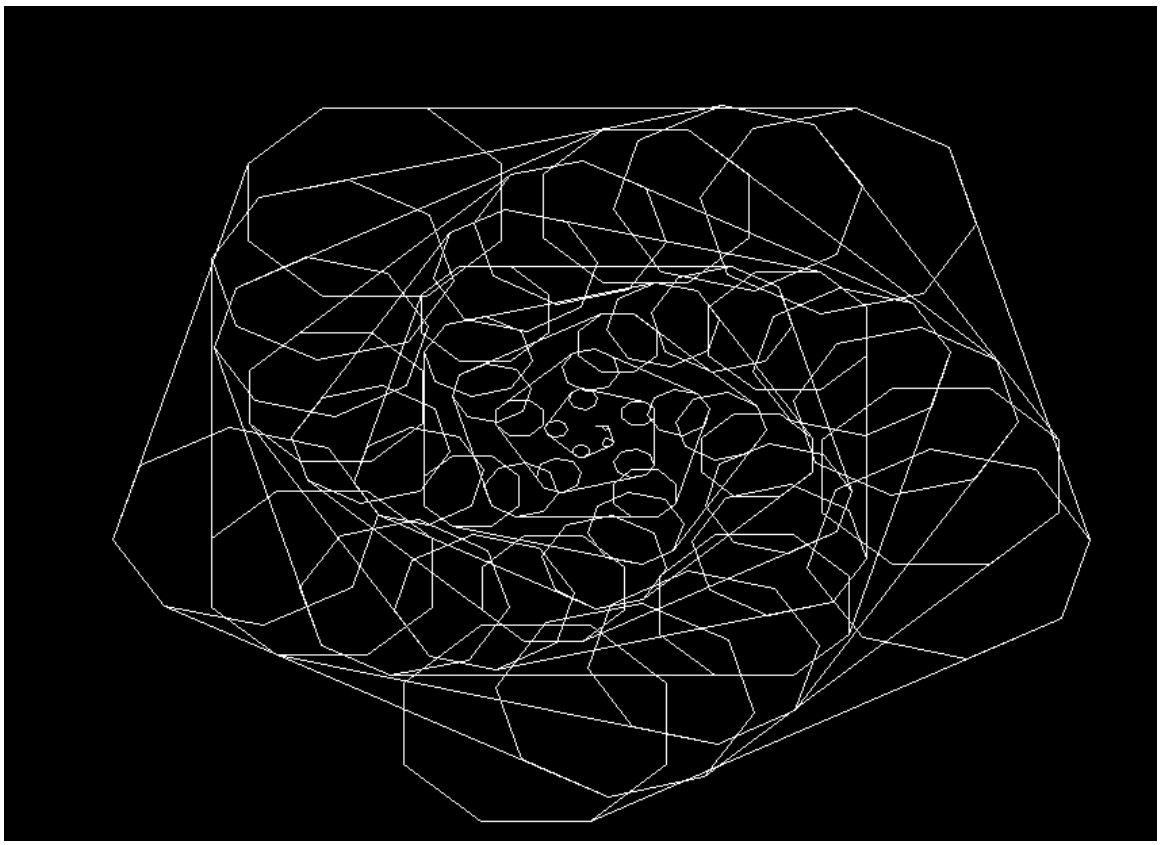


Program 3.

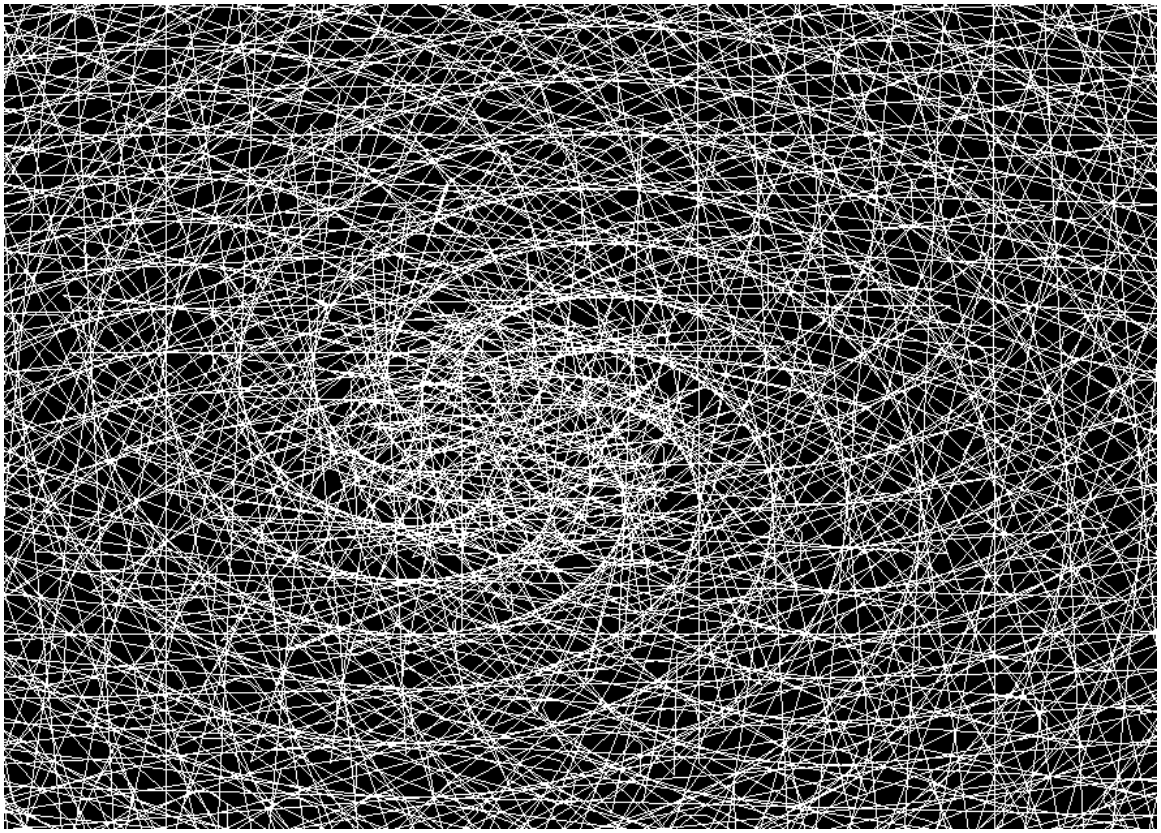
```
{
   DO A FROM 1 TO 100 {
      SET C := A 1.5 * ;
      FD C
      RT 62
}
}
```



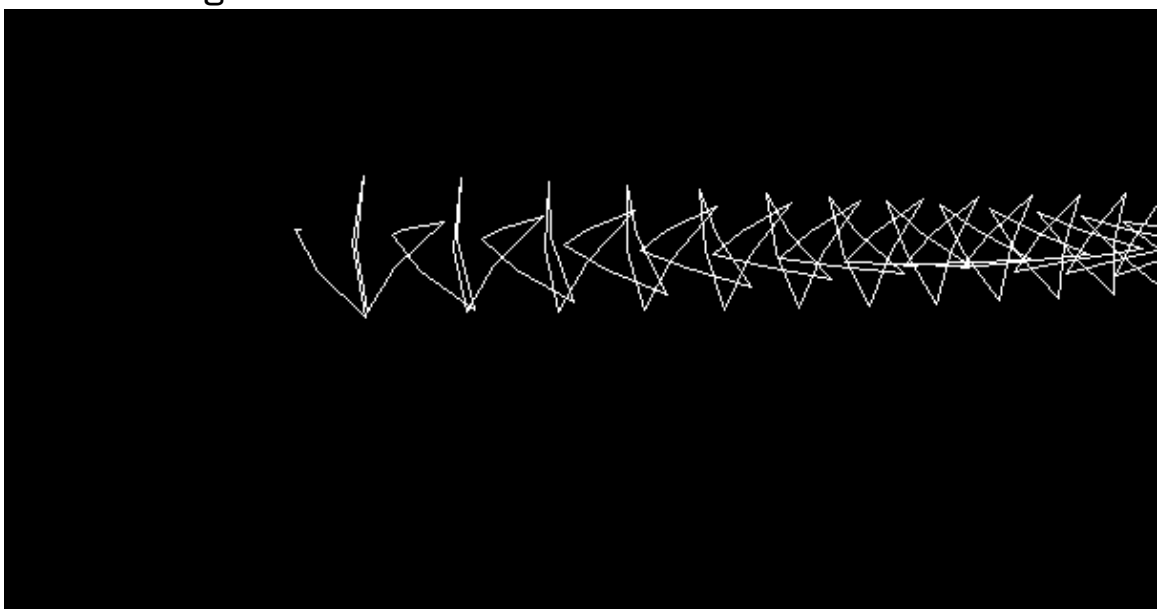
```
Program 4.
{
    DO A FROM 1 TO 50 {
        FD A
        RT 30
        DO B FROM 1 TO 8 {
            SET C := A 5 / ;
            FD C
            RT 45
}
}
}
```

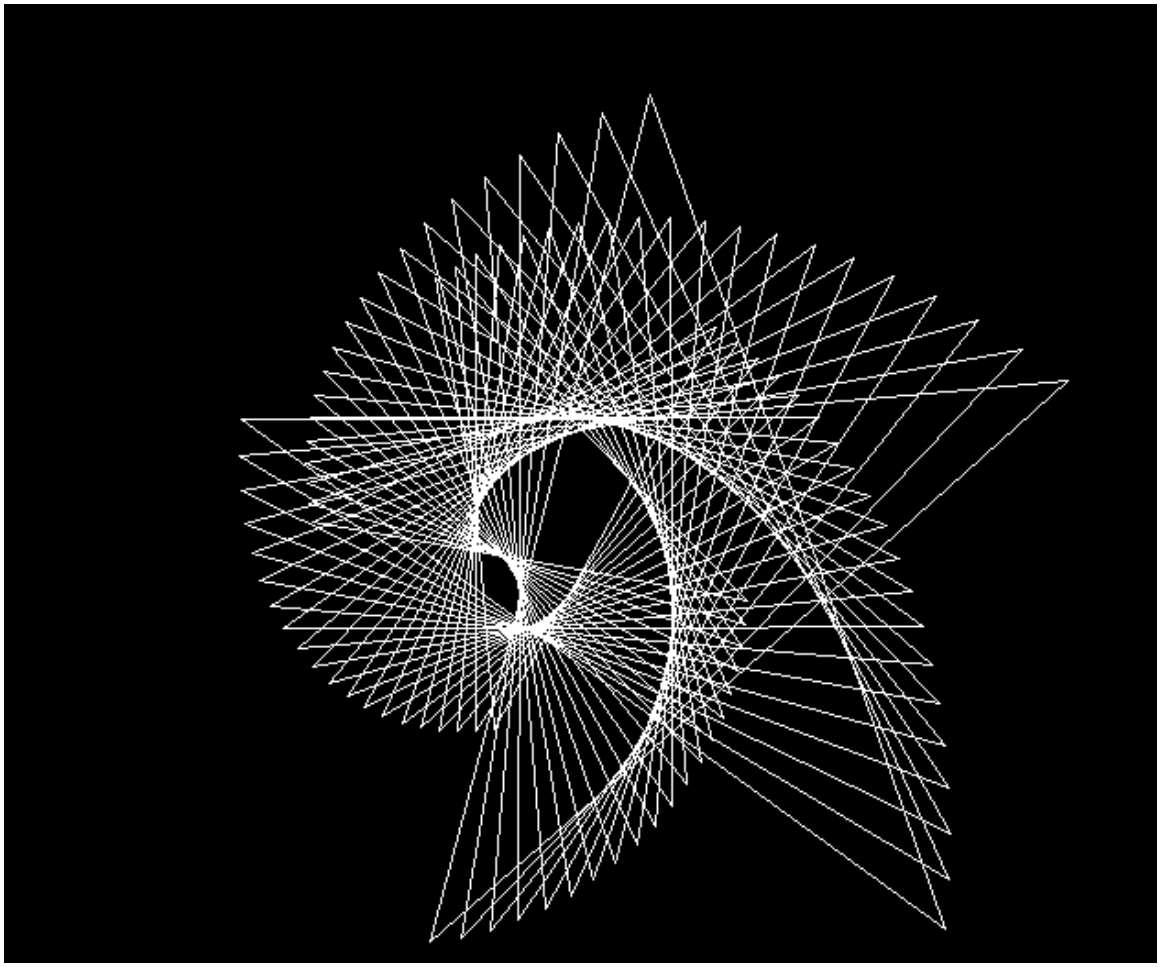
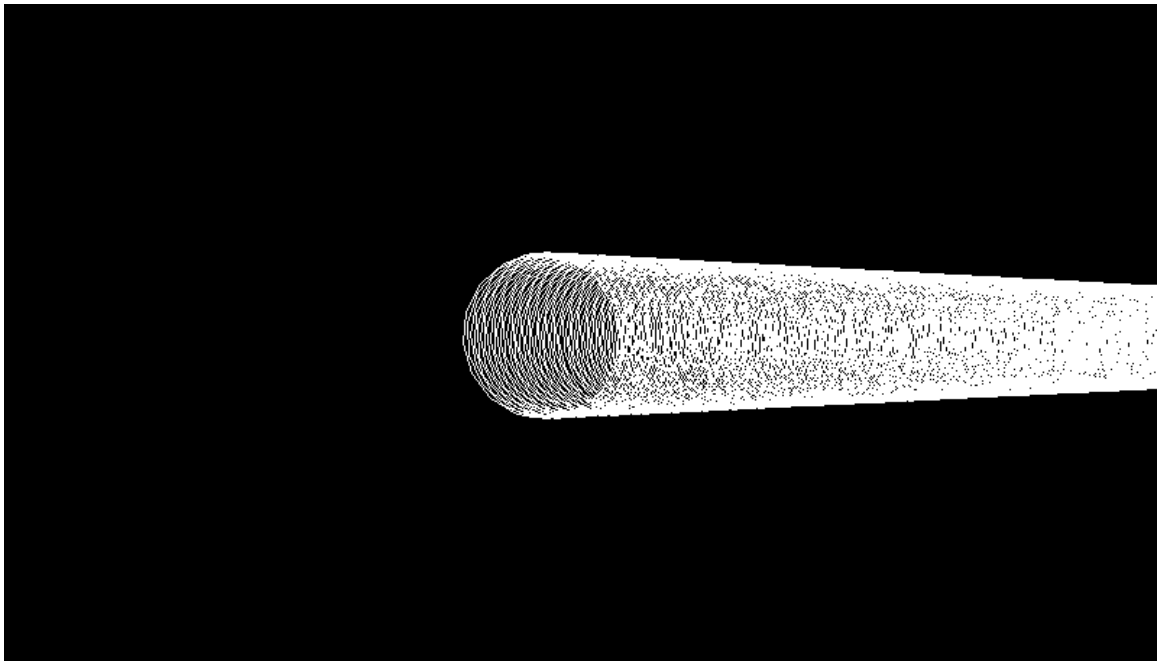
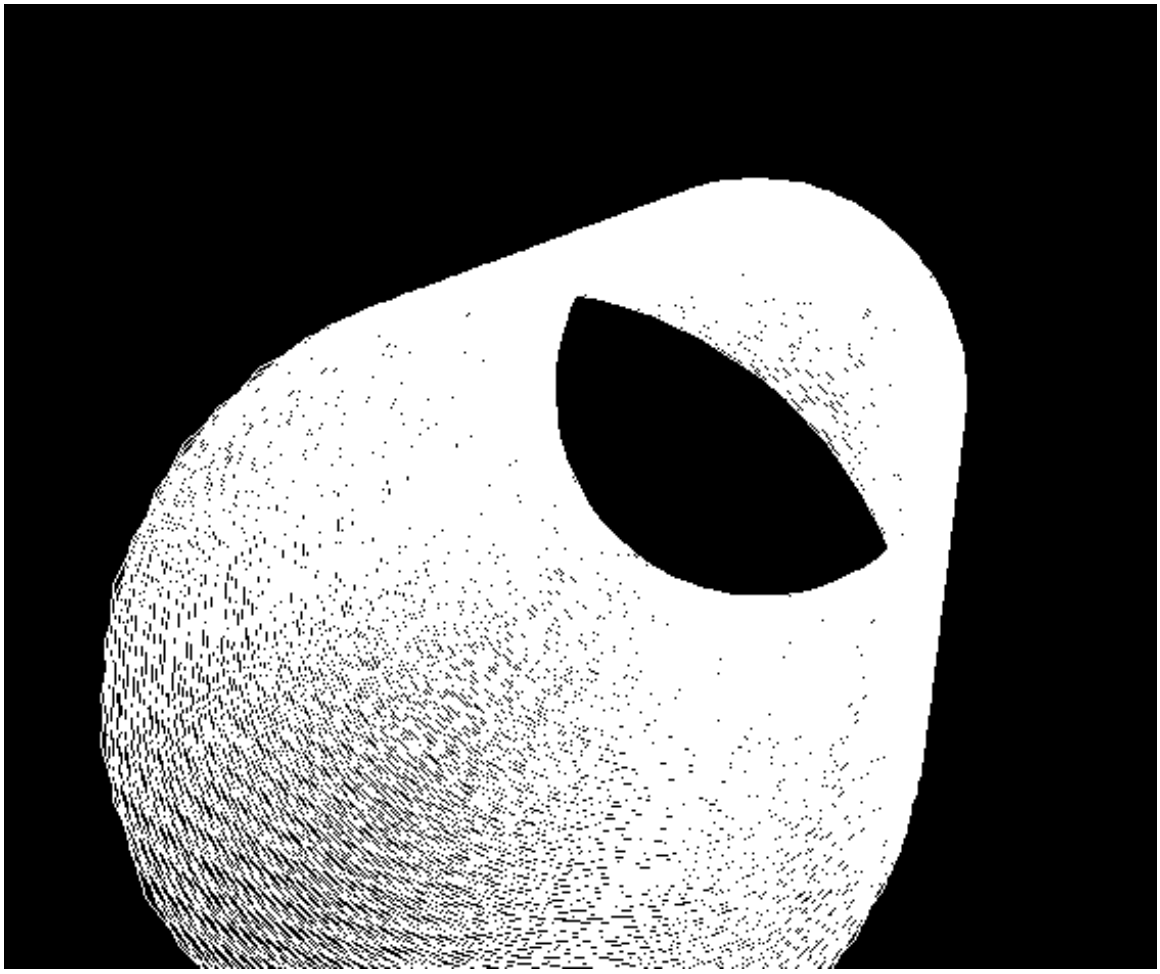


```
Program 5.
{
    DO A FROM 1 TO 5000 {
       FD A
       RT 217
     FD 20
       DO B FROM 1 TO 8 {
          SET C := A 5 / ;
          FD B
          RT 41
}
     FD A
}
}
```



3D drawings:

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