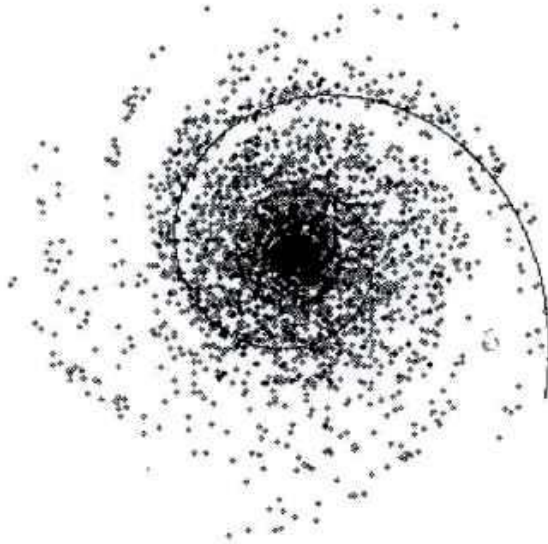


Appendix 4

innen: $v \sim r$
 außen: $v = \text{const} = v(rc)$

a) Hyperbolean spiral



galrot

n = 3700

glob: 710

irrg: 2990

rc = 0.10

color off

q = 1.00

t = 3.00

n c a s f t

→ $r = a/(u-u_0)$

r0 = 150

w0 = -30

a = 376.99

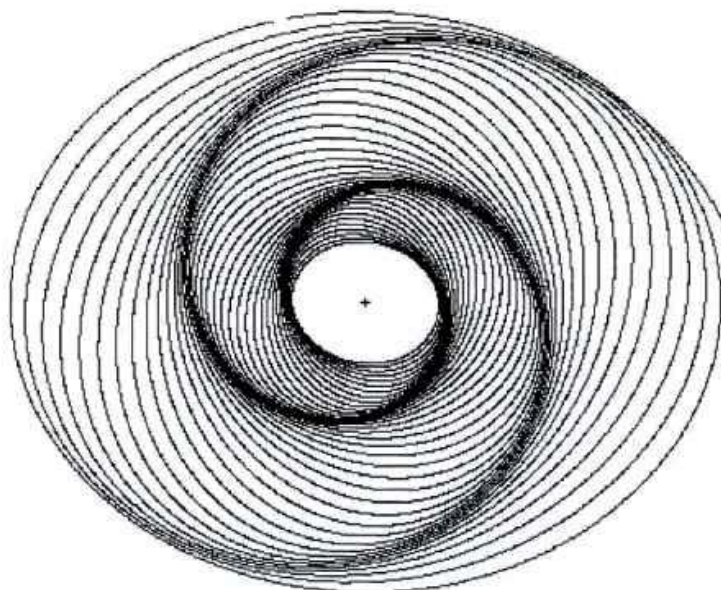
v = -3.037

akzeptiert ?

j/n

gedrehte ähnliche Ellipsen (Zentr.Str. k)

b) Logarithmic spiral



galrotdu

n = 40

k = 1.0411

eps = 0.60

b/a = 0.80

t = 9.0 °

a r s f t

→ $r0 * e^{c * (u0 - u)}$

c = $\ln(k)/t$

= 0.2561

r0 = 42

w0 = 0

akzeptiert ?

j/n