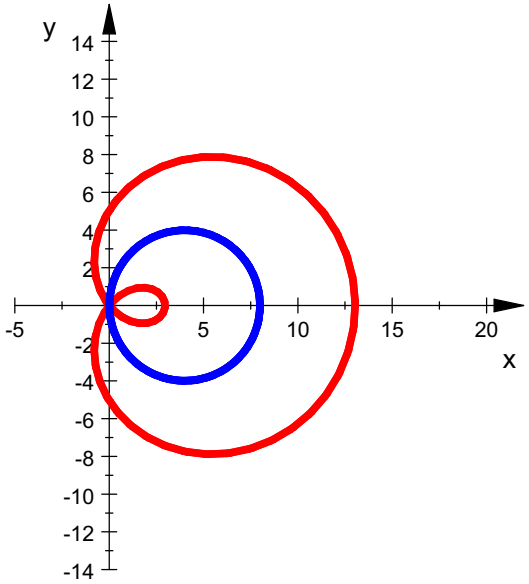
Pascalsche Schnecken

Prof. Dr. Dörte Haftendorn Mathematik mit MuPAD 4, Jun 08 Update Jun 08
http://haftendorn.uni-lueneburg.de www.mathematik-verstehen.de

##

```
kreis:=plot::Polar( [2*4*cos(t),t],t=-2..10):
ps:=plot::Polar( [2*4*cos(t)+a,t],t=-2..10,a=1..12
,LineColor=[1,0,0]):
plot(ps, kreis, LineWidth=1)
```




```
ps:=plot::Polar( [2*4*cos(t)+a,t],t=-2..10
,LineColor=[1-1/12*a,1/12*a,0]) $ a=1..12;
```

$$\text{plot::Polar}([8\cdot\cos(t)+1,\ t],\ t=-2..10),\ \text{plot::Polar}([8\cdot\cos(t)+2,\ t],\ t=-2..10),\ \text{plot}$$

```
plot(ps, kreis, LineWidth=1)
```