Javorový list $r(t) = \dfrac{100\left(2 - \sin(7\,t) - \dfrac{\cos(30\,t)}{2}\right)}{100 + \left(t - \dfrac{\pi}{2}\right)^8}$

Jde o polárně zadanou funkci s pěkným grafem

```
> restart: libname := "C:/Program Files/Maple 8/JavaViewLib/",
  libname:
> with(JavaViewLib):with(plots):with(geometry):
Error, invalid input: with expects its 1st argument, pname, to be of type
{module, package}, but received JavaViewLib
>

> set( title="Listek",w=400,h=400,r=hide,bg=image,
  axes=on,align=center,workingPath=installationPath,v="0 1 -1" );
```

set(*title* = "Listek", *w* = 400, *h* = 400, *r* = *hide*, *bg* = *image*, *axes* = *on*,
align = *geometry*:-*center*, *workingPath* = *installationPath*, *v* = "0 1 -1")

```
> s := t->100/(100+(t-Pi/2)^8): r := t ->
  s(t)*(2-sin(7*t)-cos(30*t)/2):
  aaa:=animate([r(t*u/10)/2,t*u/10,t=-Pi/2..3/2*Pi],u=0..10,numpoi
  nts=600,coords=polar,axes=none,color=green):
> display(aaa,insequence=true);
```

```
>
> with(plots):
> S := t->100/(100+(t-Pi/2)^8):
> R := t -> S(t)*(2-sin(7*t)-cos(30*t)/2):
> p:=seq(polarplot([n*R,t->t,-Pi/2..3/2*Pi],color=COLOR(RGB,
  rand()/10^12, rand()/10^12,
  rand()/10^12),numpoints=200,axes=NONE),n=1..20):
> display(p);
```