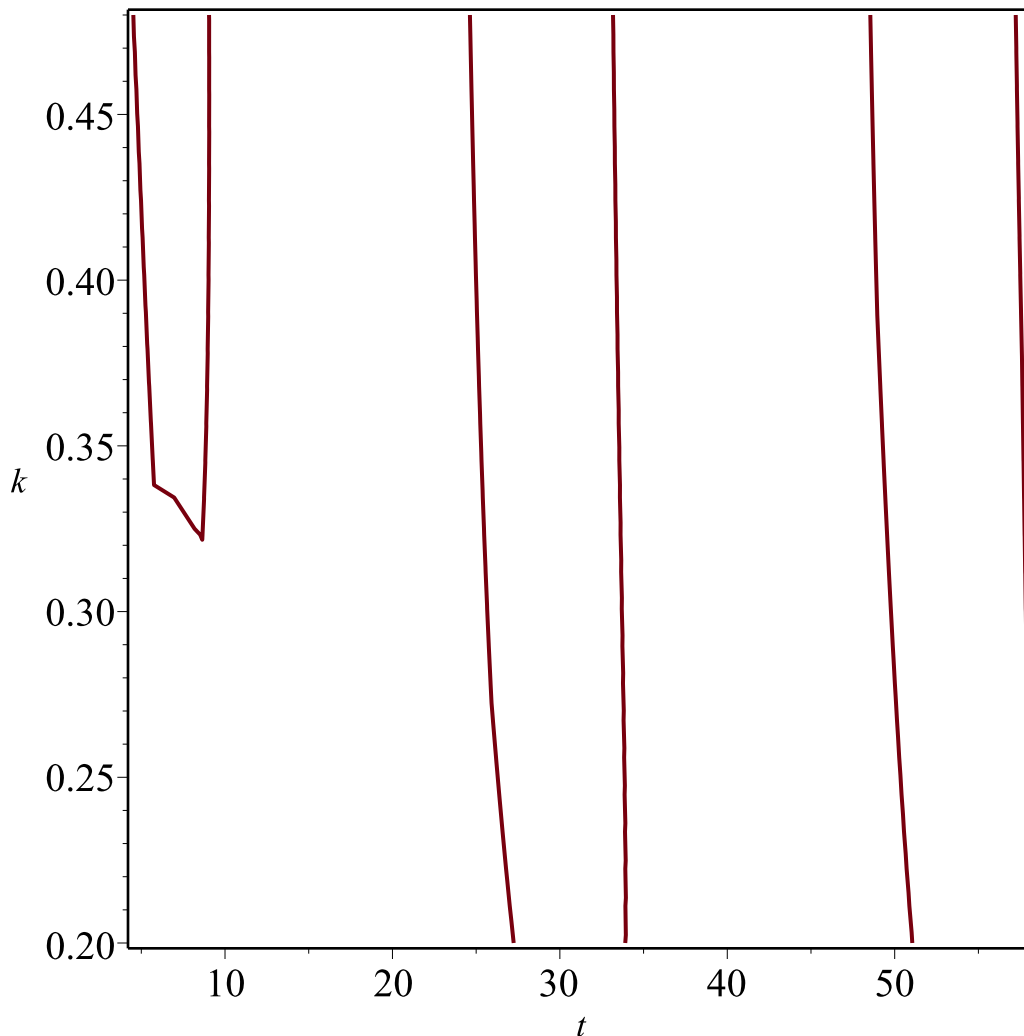


```
> with(plots): unassign('t','u0','k','omega'):
  uss:=35-(14*k/(k^2+omega^2))*(k*cos(omega*(t-3))+omega*sin
(omega*(t-3))):
  uss0:=subs(t=0,uss):
  U:=unapply((u0-uss0)*exp(-k*t)+uss,(t,u0,k,omega)):
  implicitplot(U(t,76,k,Pi/12)=30,t=0..72,k=0.2..0.48,axes=boxed);
```



```
> # The implicit plot is a bread slice at u=30 of the 3D plot. See
  # below.
  # The last plot orients the 3D figure to match the implicit plot.
  # This can be done with mouse controls in maple, then edit the
  plot3d
  # command to document the result.
> plot3d({U(t,76,k,Pi/12),30},t=0..72,k=0.2..0.48,
  axes=framed,orientation=[-90,-30],style=patchnogrid,shading=
  zhue);
```

