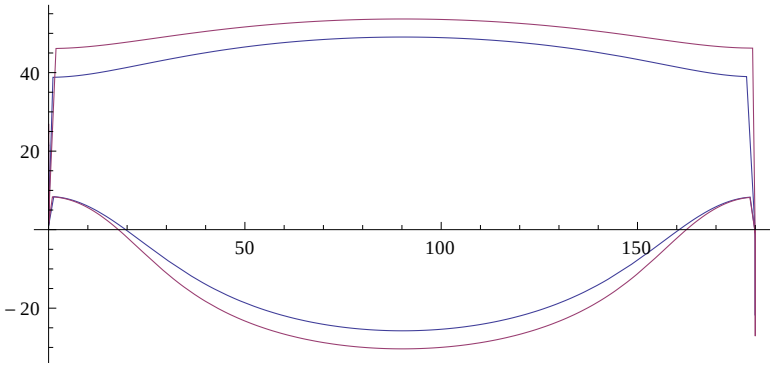
```
Exit[]

Eklipse = 23.5;

Sonne[Breite_, Tage_] :=
 {{1, 0, 0}, {0, Sin[Breite °], -Cos[Breite °]}, {0, Cos[Breite °], Sin[Breite °]}}.
  {Cos[π Tage / 180] Cos[2 π Tage] - Cos[° Eklipse] Sin[π Tage / 180] Sin[2 π Tage],
   Cos[° Eklipse] Cos[2 π Tage] Sin[π Tage / 180] + Cos[π Tage / 180] Sin[2 π Tage],
   Sin[° Eklipse] Sin[π Tage / 180]}

Winkel[b_, t_] :=
 180 / Pi {ArcCos[Sonne[b, t][[1]] / (Sonne[b, t][[1]]^2 + Sonne[b, t][[2]]^2)],
   ArcSin[Sonne[b, t][[3]]]}

m = 13; ParametricPlot[
 {Winkel[52.5, t + m * 30], Winkel[47.9, t + m * 30]}, {t, 0, 1}, PlotRange → All]
```



```
m = 10; ParametricPlot3D[{Sonne[52.5, t], Sonne[47.9, t]}, {t, m * 30, m * 30 + 1}]
```