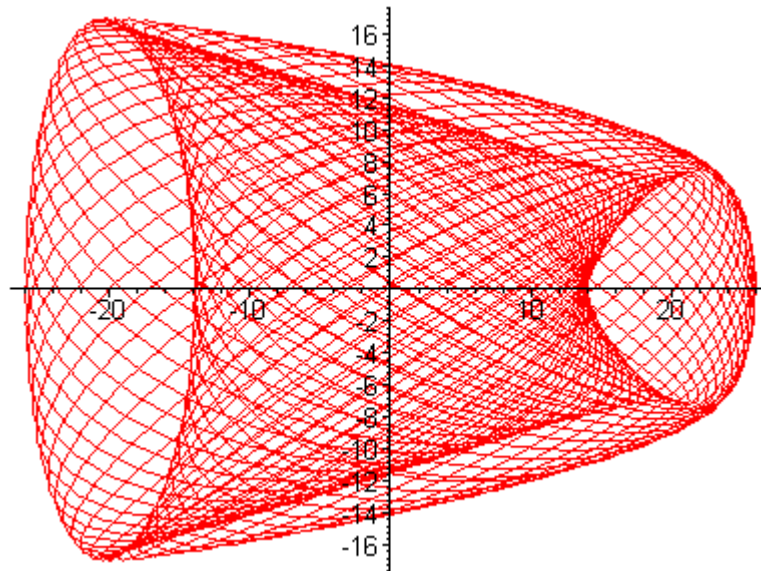


## Art Gallery

> **restart;**

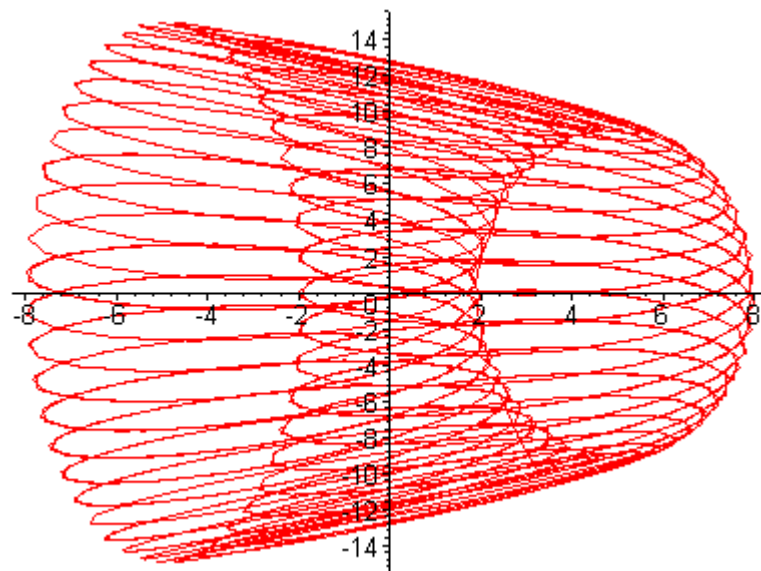
> **a:=6:b:=20:c:=5:d:=12:p:=160/3:q:=157/3:**

**plot([a\*cos(t)-b\*cos(p\*t), c\*sin(t)-d\*sin(q\*t), t=0..2\*Pi]);**



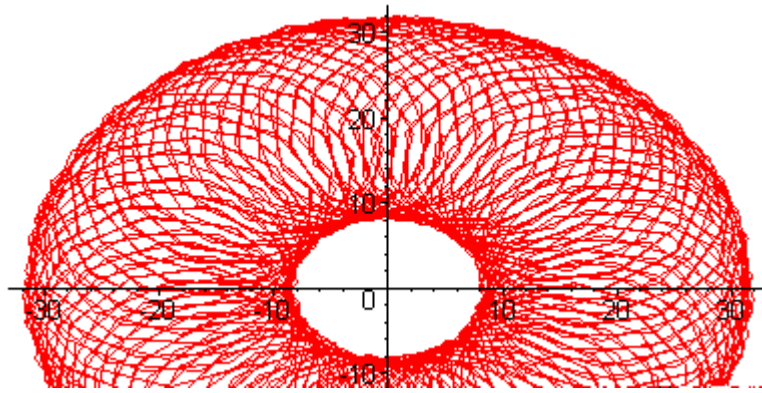
> **a:=3:b:=5:c:=12:d:=3:p:=47/3:q:=44/3:**

**plot([a\*cos(t)-b\*cos(p\*t), c\*sin(t)-d\*sin(q\*t), t=0..12\*Pi]);**

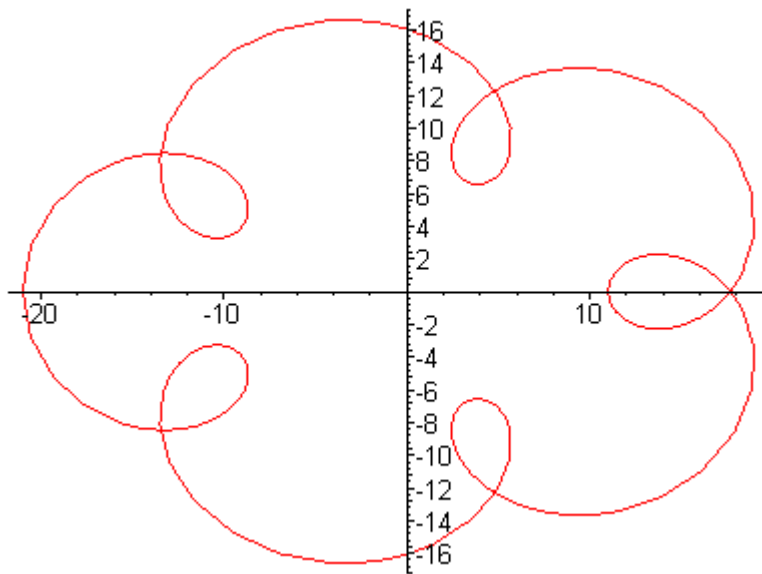


> **a:=20:b:=12:c:=20:d:=12:p:=80/3:q:=80/3:**

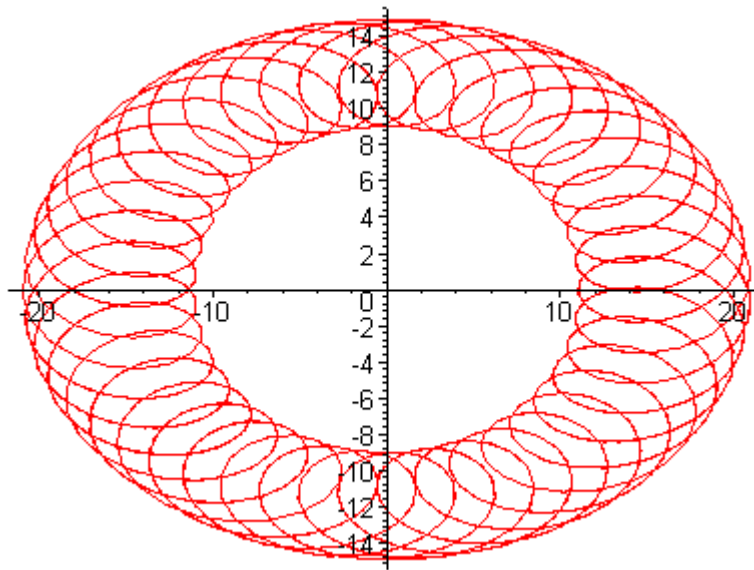
**plot([a\*cos(t)-b\*cos(p\*t), c\*sin(t)-d\*sin(q\*t), t=0..12\*Pi]);**



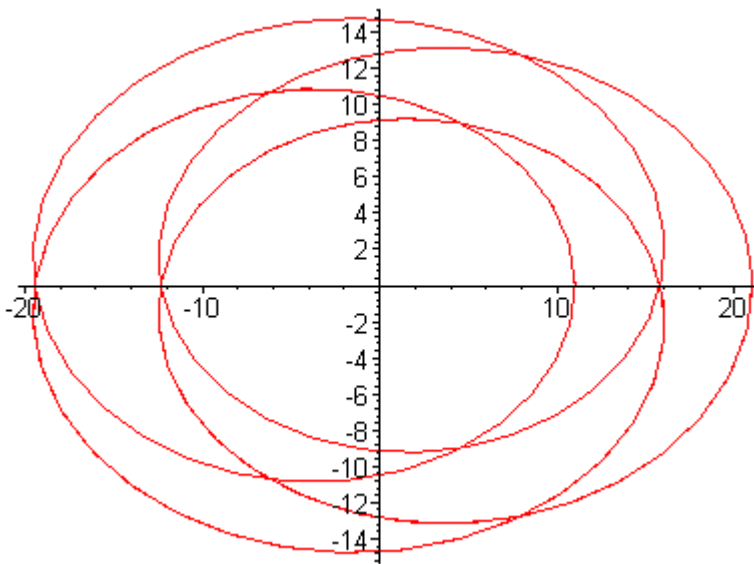
> **a:=16:b:=5:c:=12:d:=5:p:=12/2:q:=12/2:**  
**plot([a\*cos(t)-b\*cos(p\*t), c\*sin(t)-d\*sin(q\*t), t=0..2\*Pi]);**



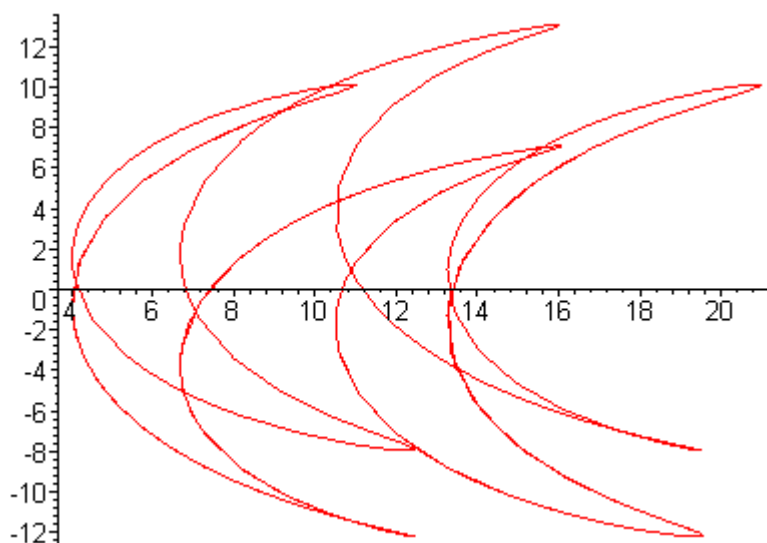
> **a:=16:b:=5:c:=12:d:=3:p:=44/3:q:=44/3:**  
**plot([a\*cos(t)-b\*cos(p\*t), c\*sin(t)-d\*sin(q\*t), t=0..12\*Pi]);**



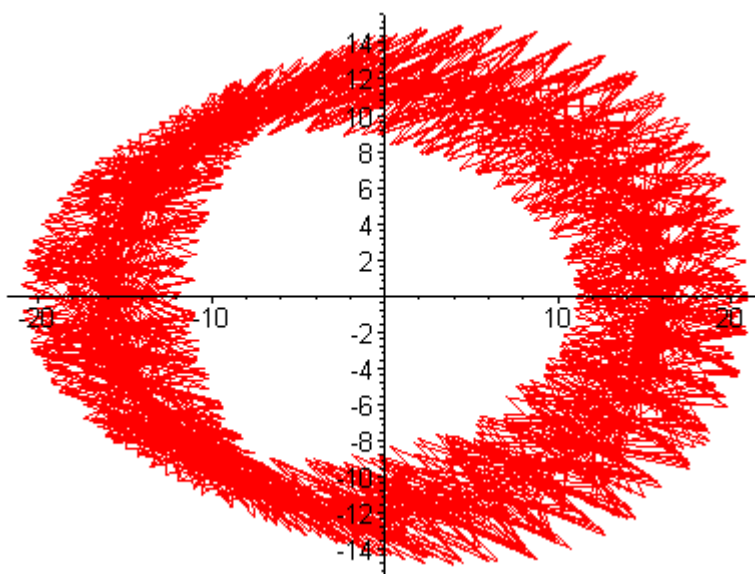
> **a:=16:b:=5:c:=12:d:=3:p:=1/4:q:=1/4:**  
**plot([a\*cos(t)-b\*cos(p\*t), c\*sin(t)-d\*sin(q\*t), t=0..12\*Pi]);**



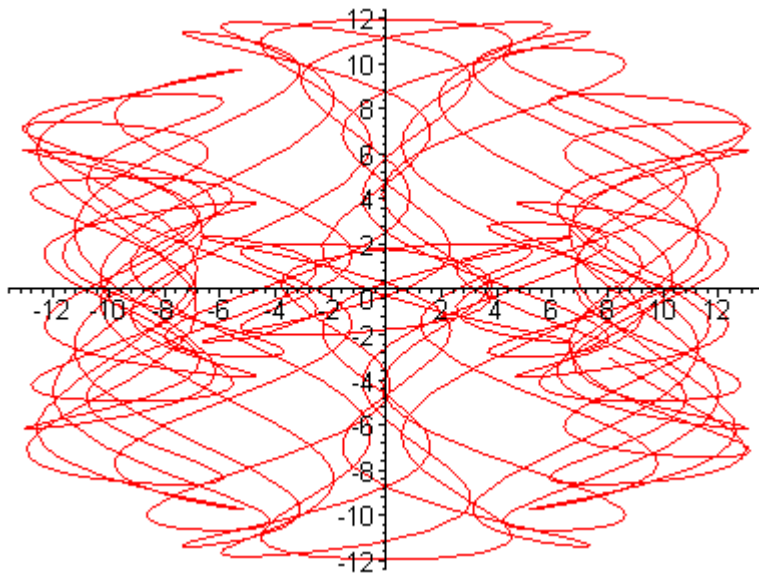
> **a:=16:b:=5:c:=12:d:=3:p:=1/4:q:=1/4:**  
**plot([a\*cos(sin(t))-b\*cos(p\*t), c\*sin(cos(t))-d\*sin(q\*t), t=0..12\*Pi]);**



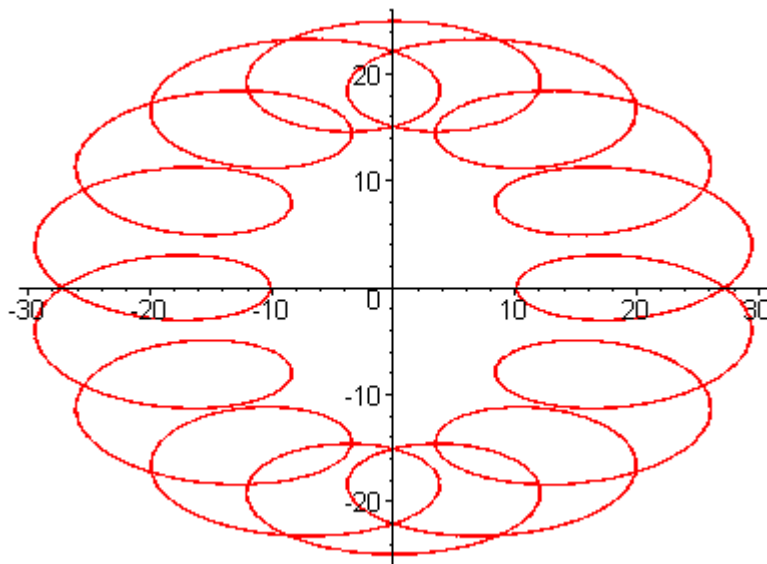
> **a:=16:b=-5:c=12:d=3:p:=47/3:q:=44/3:**  
**plot([a\*cos(t)-b\*cos(p\*t), c\*sin(t)-d\*sin(q\*t), t=0..100\*Pi]);**



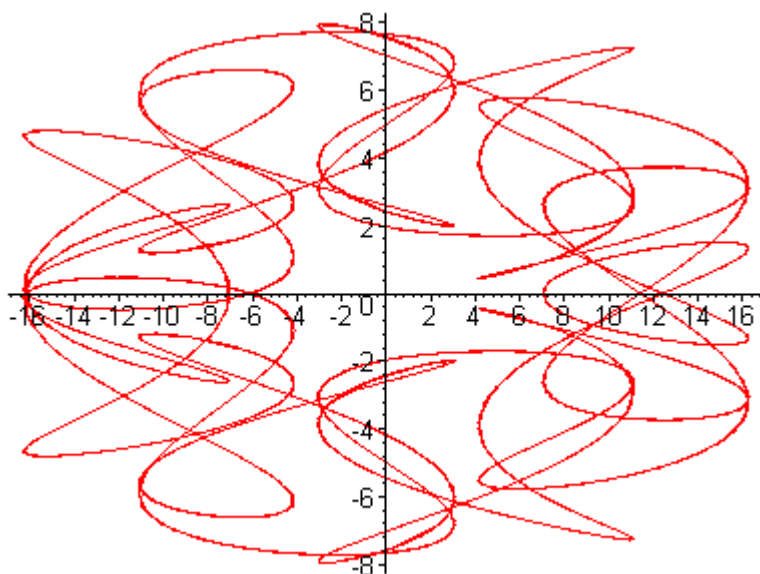
> **a:=10:b:=Pi:c:=5:d:=7:p:=85/7:q:=25/7:**  
**plot([a\*cos(t)-b\*cos(p\*t), c\*sin(t)-d\*sin(q\*t), t=0..12\*Pi]);**



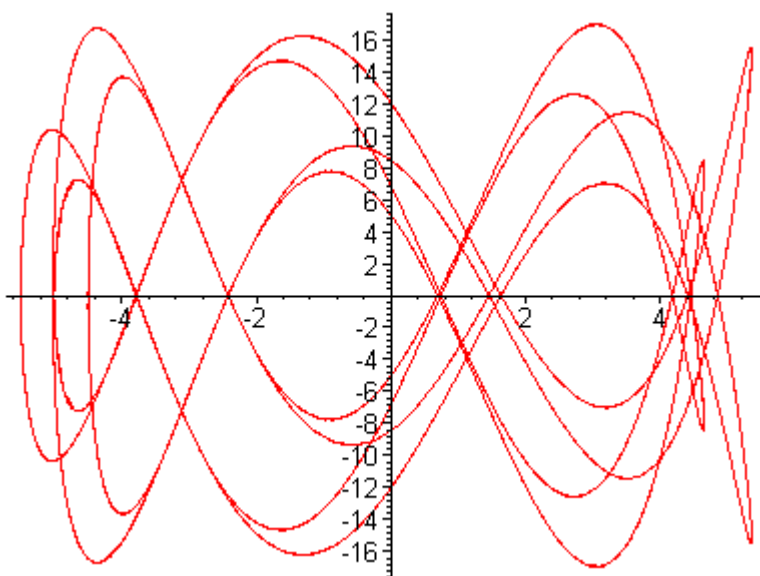
> **a:=20:b=10:c=20:d=5:p=60/4:q=60/4:**  
**plot([a\*cos(t)-b\*cos(p\*t), c\*sin(t)-d\*sin(q\*t), t=0..12\*Pi]);**



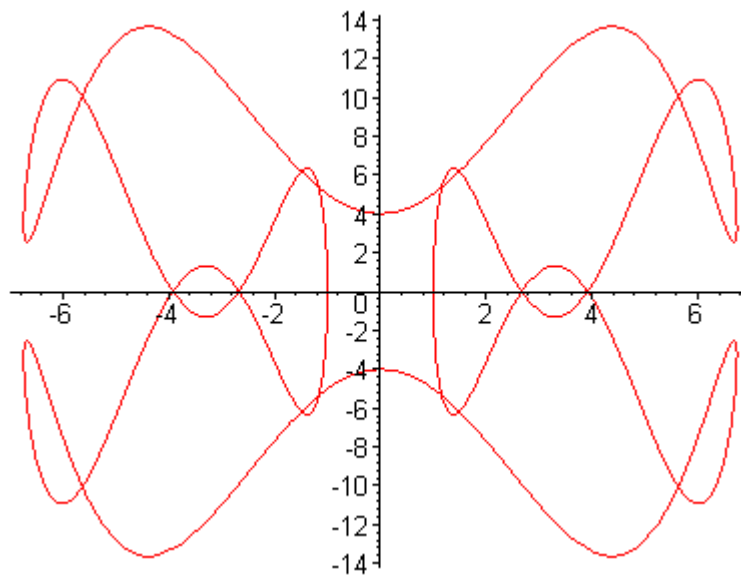
> **a=-12:b=-5:c=5:d=-3:p=27/3:q=14/3:**  
**plot([a\*cos(t)-b\*cos(p\*t), c\*sin(t)-d\*sin(q\*t), t=0..22\*Pi]);**



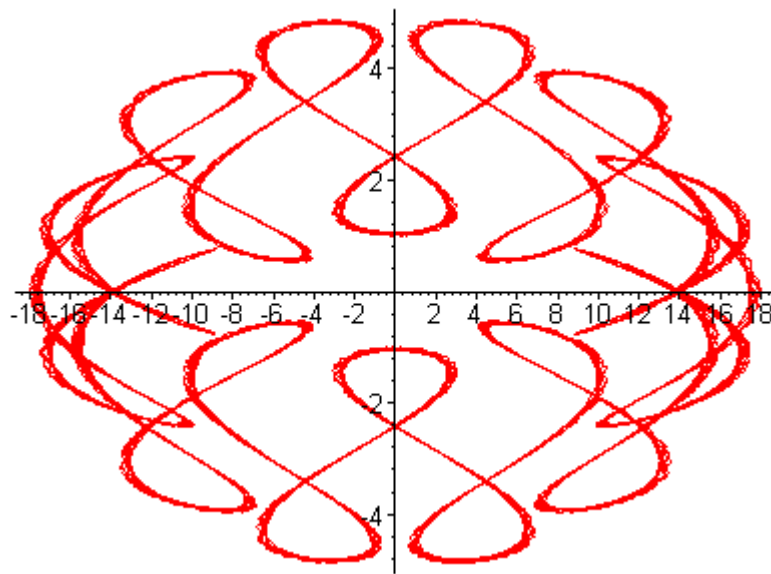
> **a:=1/2:b:=5:c:=5:d:=-12:p:=4/3:q:=14/3:**  
**plot([a\*cos(t)-b\*cos(p\*t), c\*sin(t)-d\*sin(q\*t), t=0..22\*Pi]);**



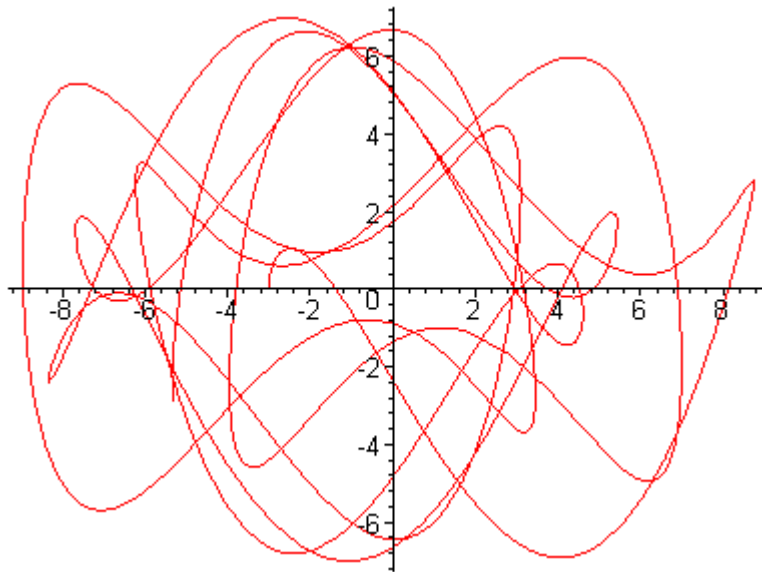
> **a:=5:b:=4:c:=-9:d:=5:p:=3:q:=11:**  
**plot([a\*cos(t)-b\*cos(p\*t), c\*sin(t)-d\*sin(q\*t), t=0..2\*Pi]);**



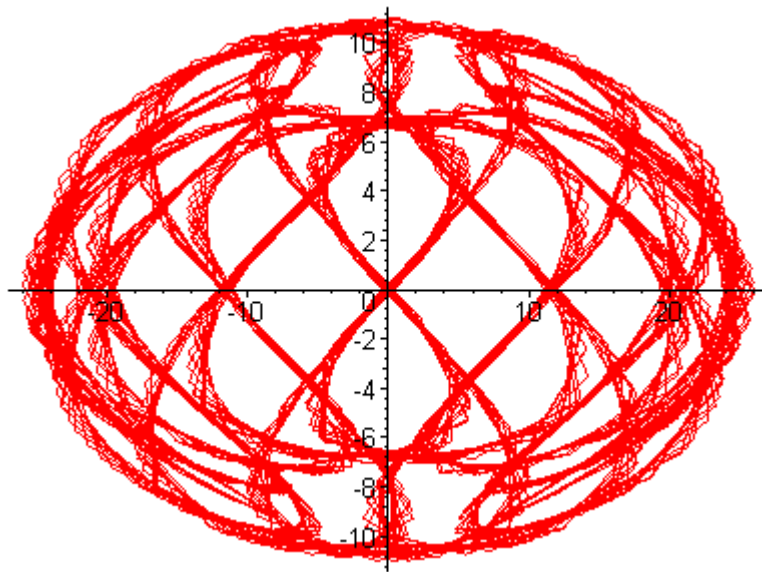
> **a:=14:b=-4:c=3:d=-2:p=23:q=11:**  
**plot([a\*cos(t)-b\*cos(p\*t), c\*sin(t)-d\*sin(q\*t), t=0..22\*Pi]);**



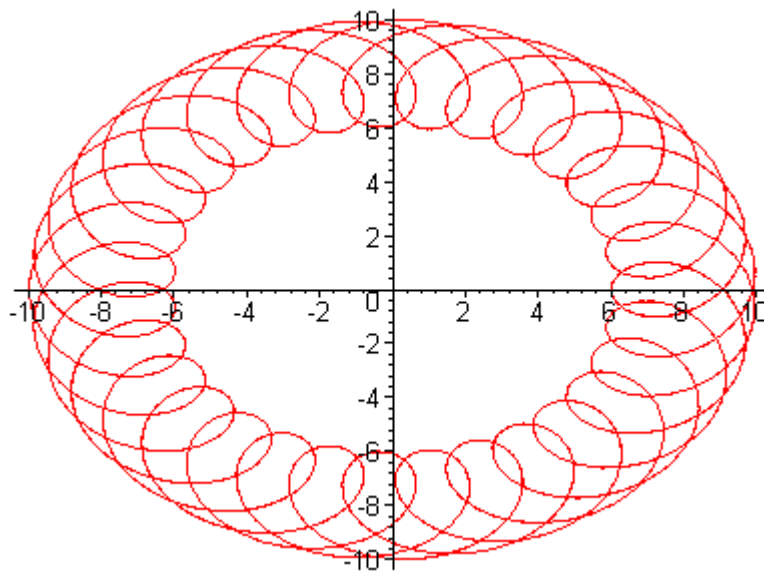
> **a:=3:b=6:c=3:d=4:p=12:q=12:**  
**plot([a\*cos(Pi\*t/2)-b\*cos(p\*t), c\*sin(10\*Pi\*t)-d\*sin(q\*t), t=0..Pi]);**



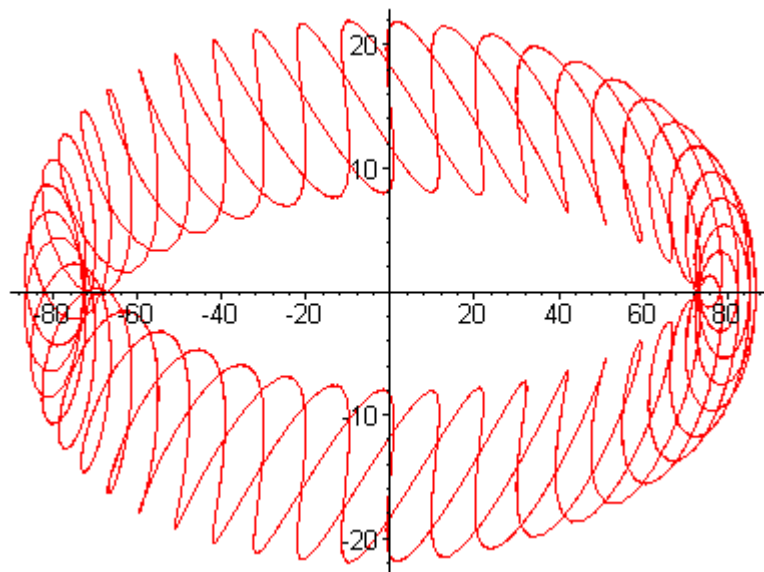
> **a:=17:b=-9:c=2:d=-9:p=25:q=13:**  
**plot([a\*cos(t)-b\*cos(p\*t), c\*sin(t)-d\*sin(q\*t), t=0..22\*Pi]);**



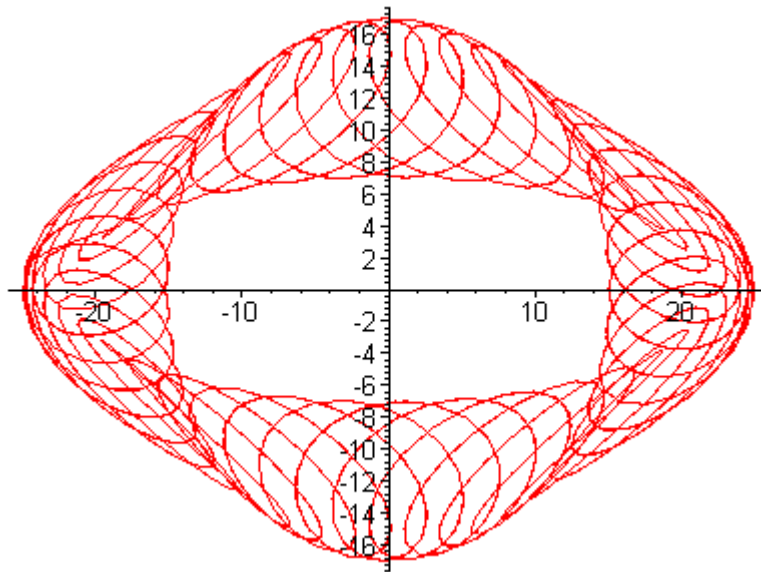
> **a:=8:b=2:c=8:d=2:p=34/3:q=34/3:**  
**plot([a\*cos(t)-b\*cos(p\*t), c\*sin(t)-d\*sin(q\*t), t=0..12\*Pi]);**



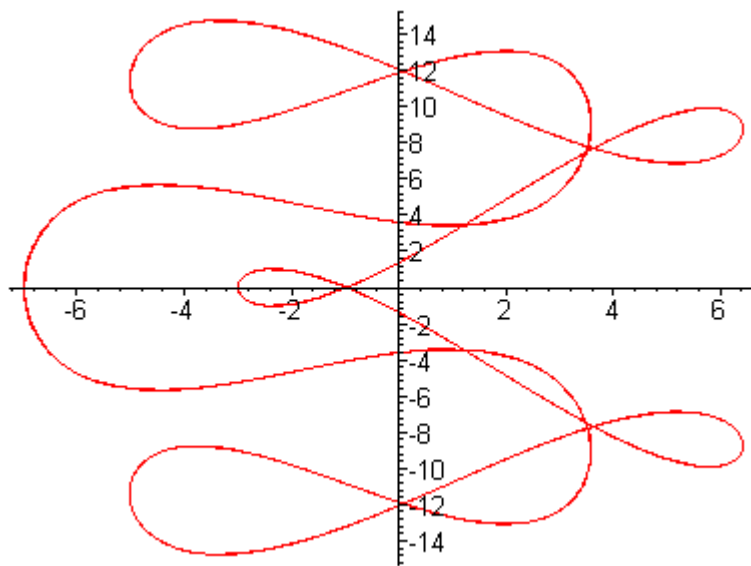
```
> a:=80:b:=7:c:=15:d:=7:p:=47/3:q:=44/3:  
plot([a*cos(t)-b*cos(p*t), c*sin(t)-d*sin(q*t), t=0..12*Pi]);
```



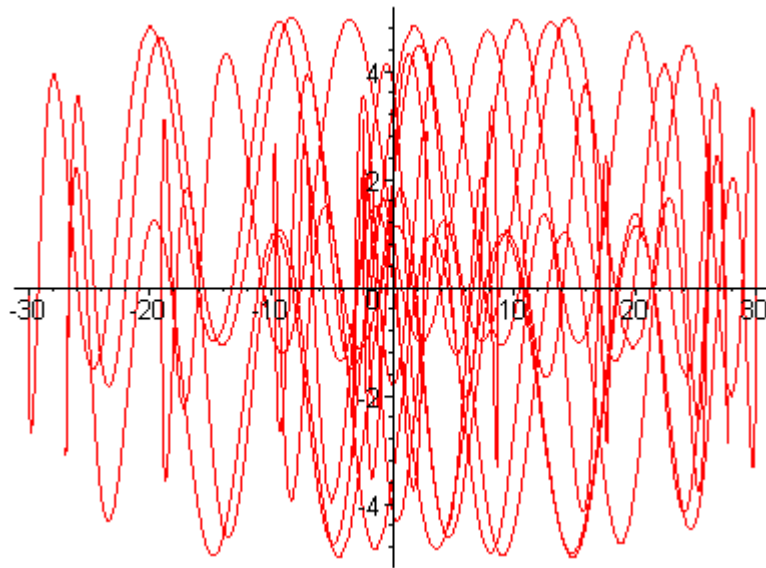
```
> a:=20:b:=5:c:=12:d:=5:p:=50/3:q:=44/3:  
plot([a*cos(t)-b*cos(p*t), c*sin(t)-d*sin(q*t), t=0..12*Pi]);
```



> **a:=2:b=5:c=12:d=3:p=4:q=8:**  
**plot([a\*cos(t)-b\*cos(p\*t), c\*sin(t)-d\*sin(q\*t), t=0..12\*Pi]);**



> **a:=-16:b=14:c=2:d=3:p=4/37:q=28/3:**  
**plot([a\*cos(t)-b\*cos(p\*t), c\*sin(t)-d\*sin(q\*t), t=0..12\*Pi]);**



```
> a:=-2:b:=5:c:=2:d:=3:p:=47/3:q:=44/3:  
plot([a*cos(t)-b*cos(p*t), c*sin(t)-d*sin(q*t), t=0..2*Pi]);
```

