

```
clc
clear all
delta=1:180
Xd=1.27
Xq=0.95
Vbus=01.0
Veq=Vbus
ef=1.0
pa=(ef*Veq/Xd)sind(delta)+Veq*2(Xd-
Xq)/2*Xd*sind(2*delta)
plot(delta,pa,'r')
```