VMPot1

dc simulation

DC1

POT1
R_pot=10k
Rotation=Angle
Taper_Coeff=0.2
LEVEL=2
Temp=26.85
Max_Rotation=280
Conformity=0
Linearity=0
Tnom=26.85
Temp_Coeff=100
Contact_Res=1

Parameter sweep

SW1
Sim=DC1
Type=lin
Param=Angle
Start=0
Stop=280
Points=281

VMPot2

POT2
R_pot=10k
Rotation=Angle
Taper_Coeff=0.2
LEVEL=3
Temp=26.85
Max_Rotation=280
Conformity=0
Linearity=0
Tnom=26.85
Temp_Coeff=100
Contact_Res=1

V1
U=1 V
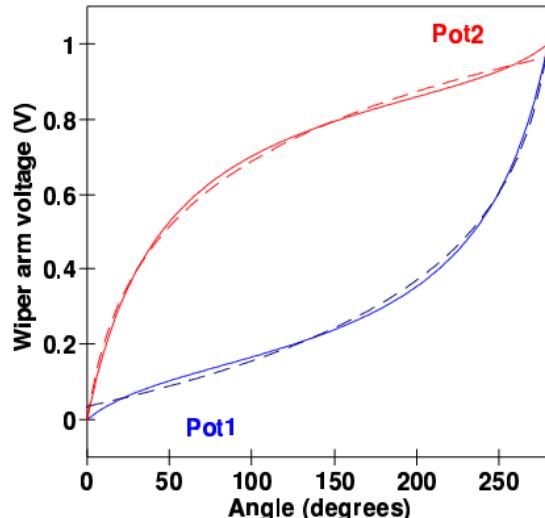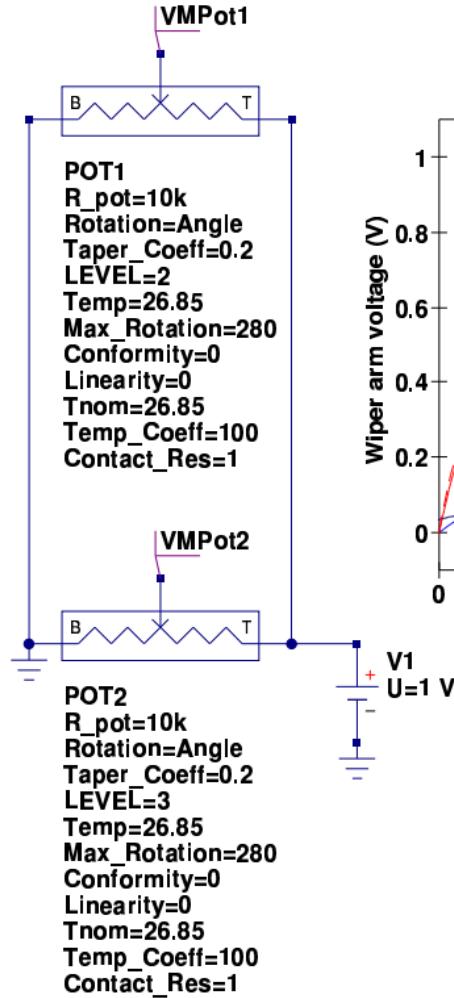
| Equation |
Eqn1
TFPot1=1-k*log10((Max+Min-Angle)/Min)
Min=10
k=0.66
Max=280

| Equation |
Eqn2
k1=0.66
TFPot2=k1*log10((Angle+Min)/Min)