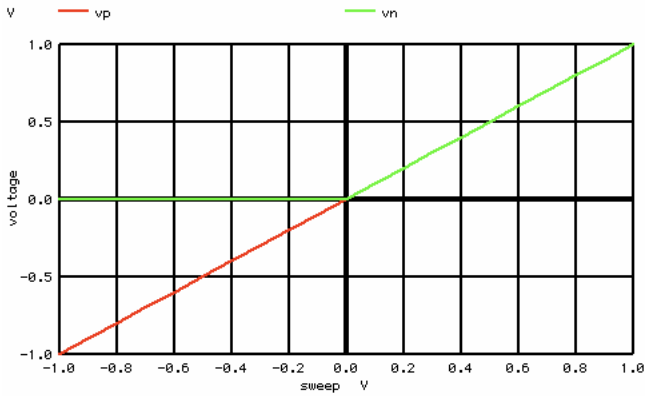
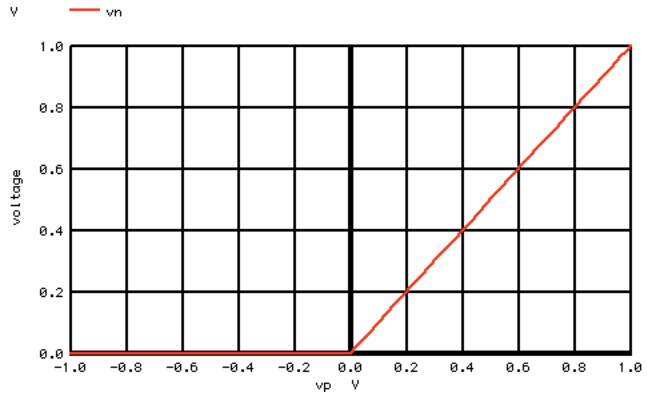
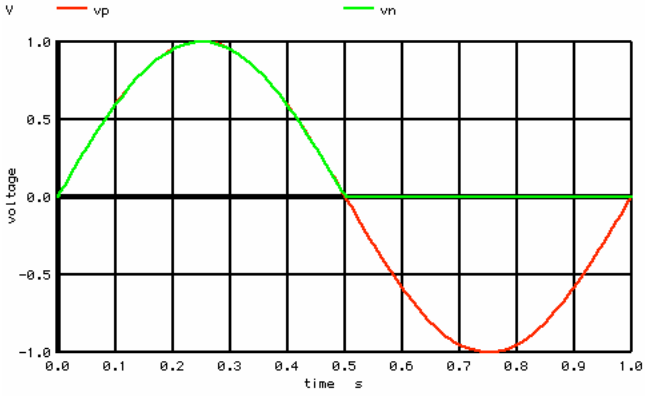
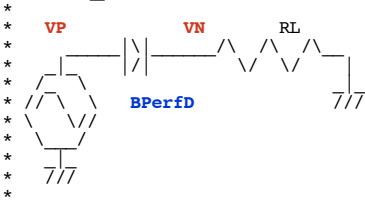


Simple_PerfectDiode

CREATE ANY BEHAVIORAL TRANSFORM FUNCTION.



Simple_PerfectDiode



```

*=====Create Signal=====
*V SIN# NODE_P NODE_N DC VALUE SIN( V_DC AC_MAG FREQ DELAY FDamp)
VIN VP 0 DC 0 SIN( 0 1 1 )
BPerfD VP VN I = u( V(VP)- V(VN) )*( V(VP)- V(VN) )
RL VN 0 1k

```

```

.control
*TRAN TSTEP TSTOP TSTART TMAX ?UIC?
tran 10m 1 0 10m
set pensize = 2
plot vp vn
plot vn vs vp
*DC SOURC1 VSTART VSTOP VSTEP SOURC2 START2 STOP2 STEP2
dc vin -1 1 .1
plot vp vn
.endc
.end

```