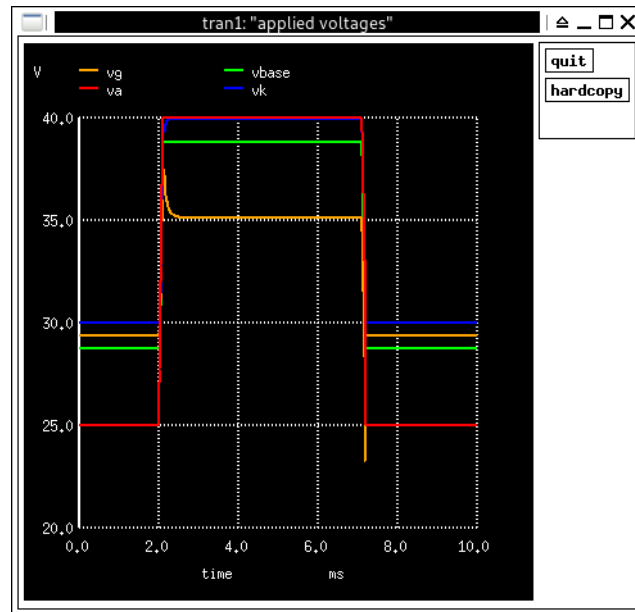
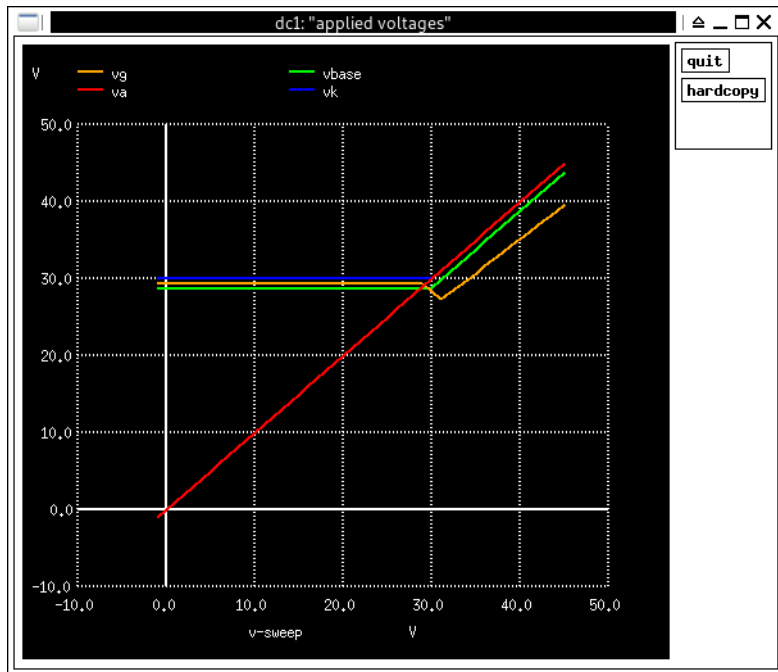


```
+PSPICE
.include ../ComponentModels/1n4148.spi
.include ../ComponentModels/2n3906.spi
.include ../ComponentModels/irf4905.spi
.include ../ComponentModels/1n4742.spi

*.DC V1 -1 45 1 // DC analysis
.TRAN 100us 10ms
// transient analysis for 10 ms in steps of 100 us (10,000 steps)
.control
run
plot VA VK VG Vbase title "applied voltages"
plot VA-VK title "Forward Voltage"
plot VA-Vbase VK-Vbase VK-VG title "control voltages"
plot -i(V1) i(V2) title "currents"
plot VD VK-VD title "Zener offset"
```



farmerkeith

Sheet: /  
File: MOSFETdiodeDiscretesHiV.sch

**Title: MOSFET diode discretes for high voltage**

Size: A4 Date: 2018-05-13

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