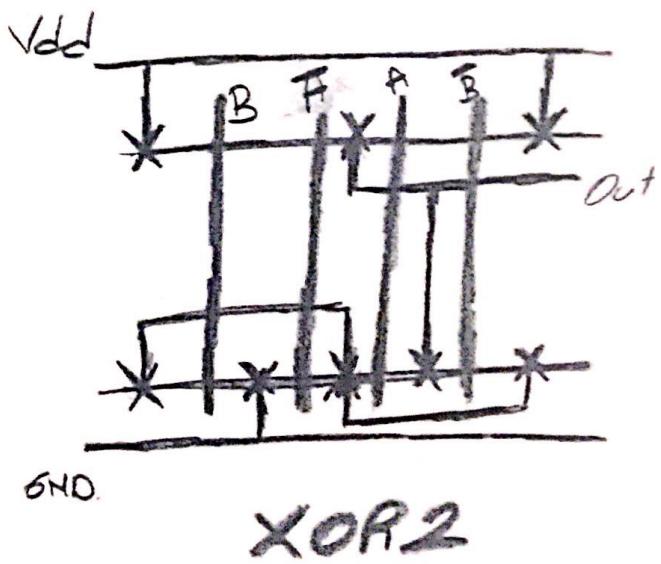
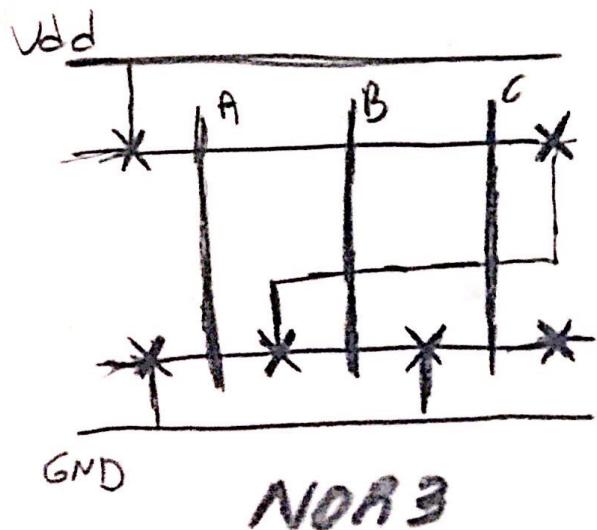
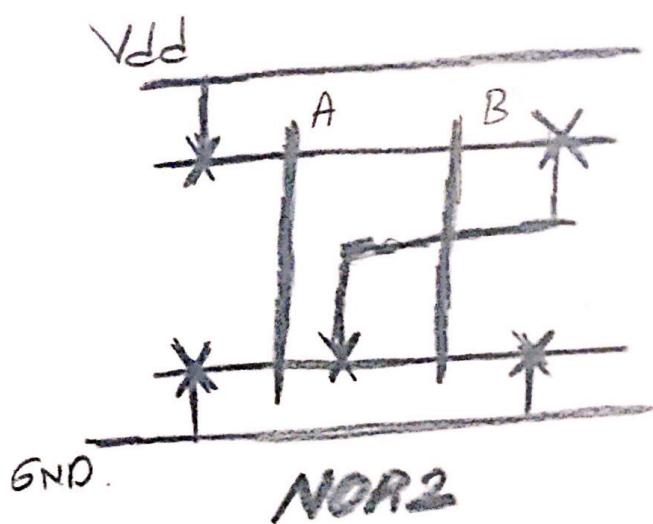
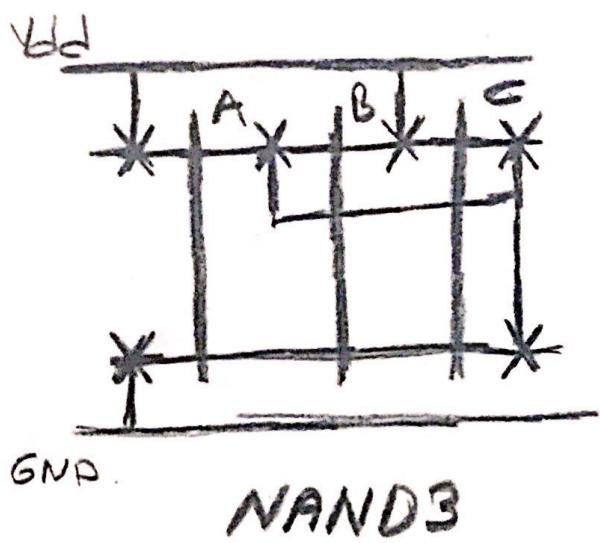
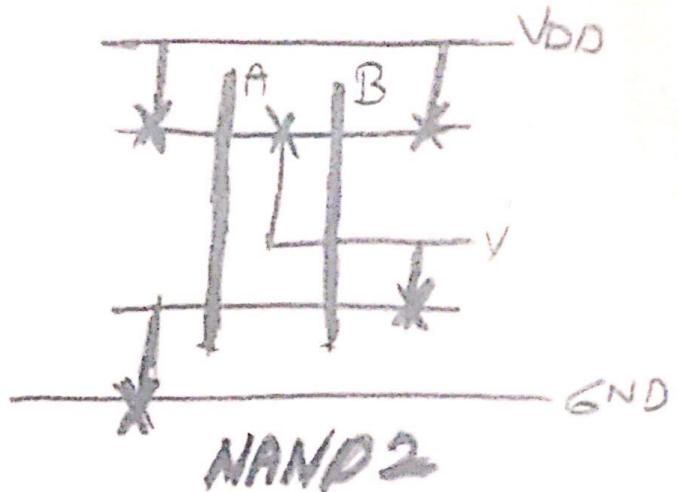
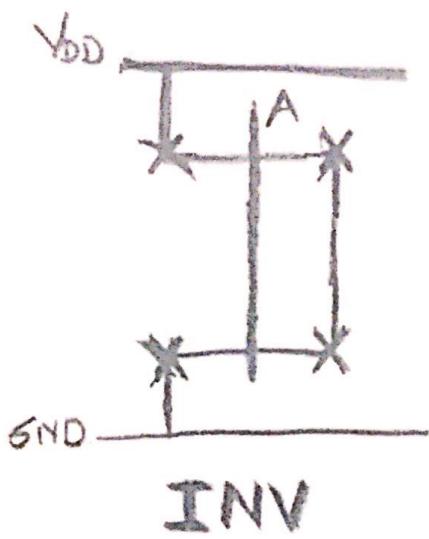
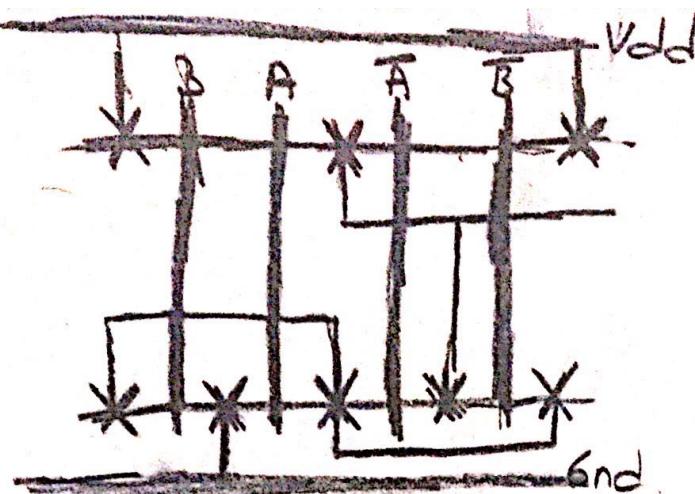
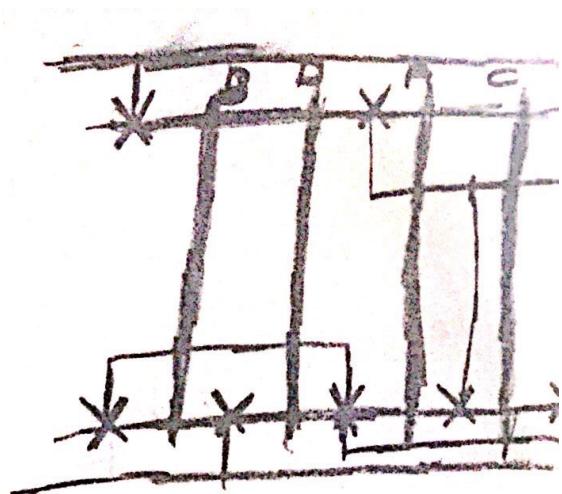


STICK DIAGRAM

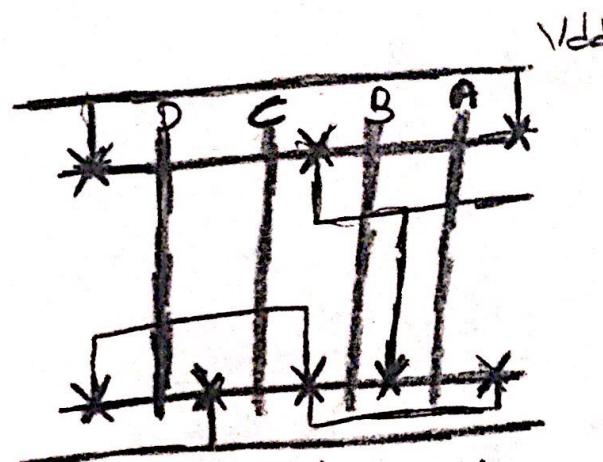




XNOR2

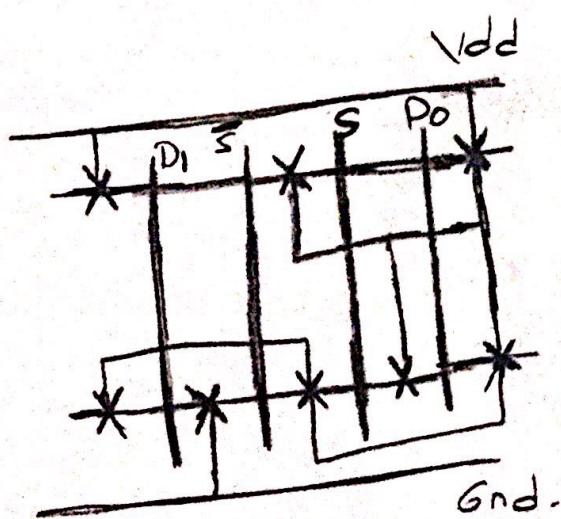


$(A \oplus B) + (C \oplus D)$ Gnd
AOI22



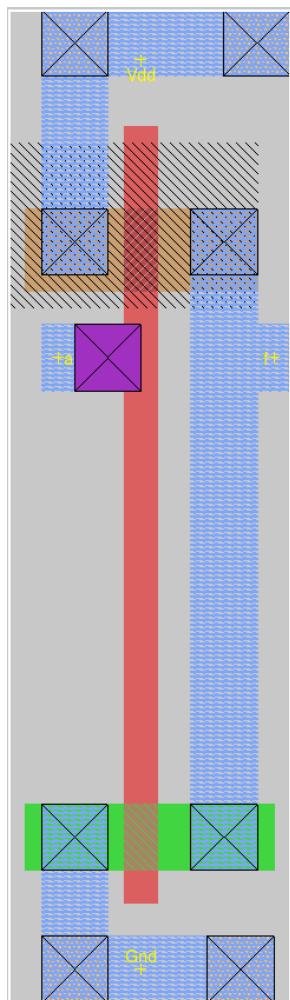
$(A+B) \cdot (C+D)$

OAI22

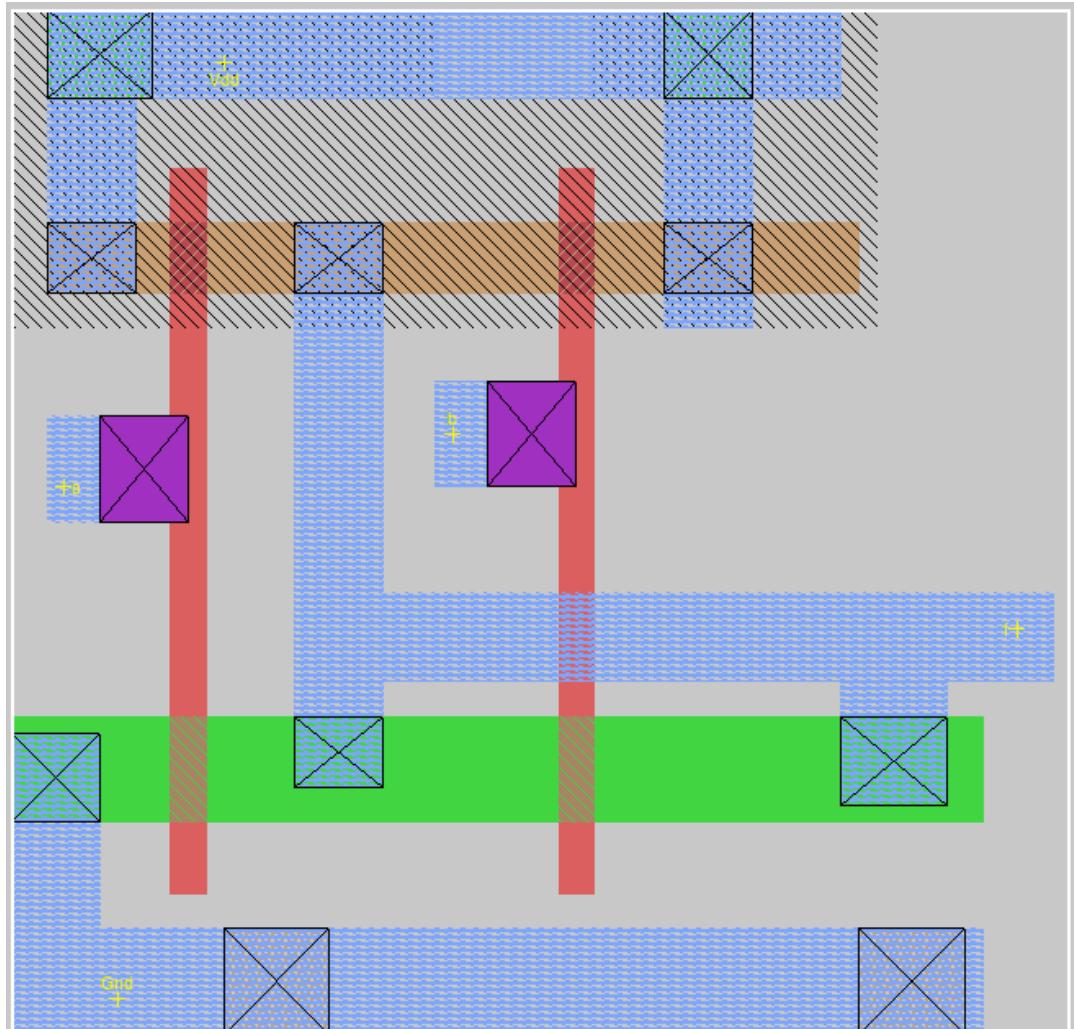


MUX2x1

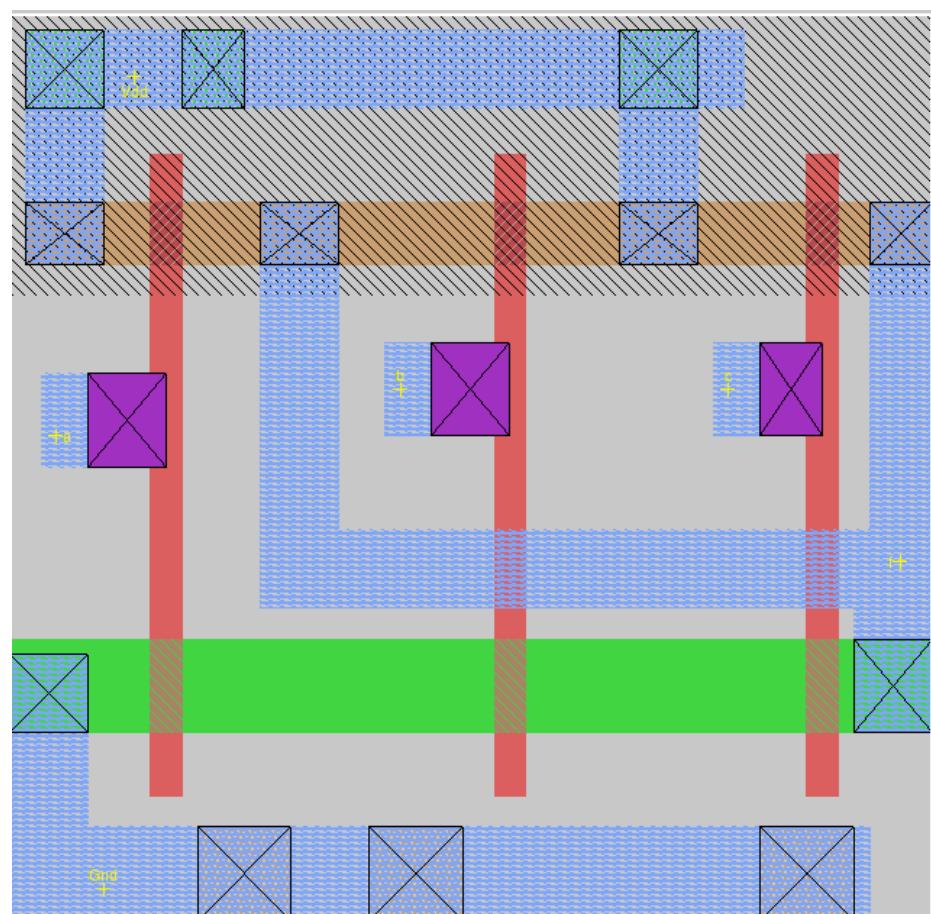
inverter
(1 20) 19 59 lambda



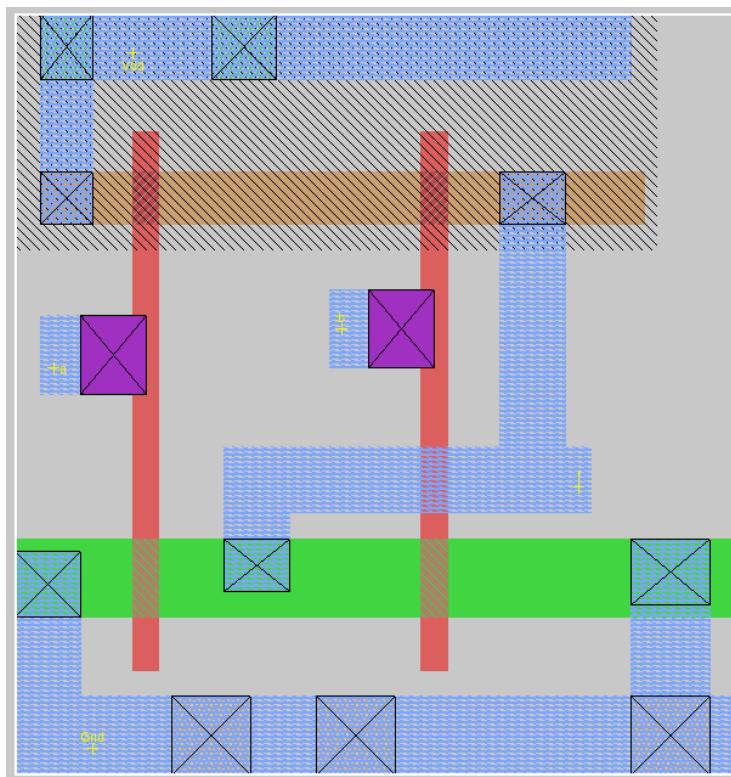
nand2
(44 20) 59 59 lambda



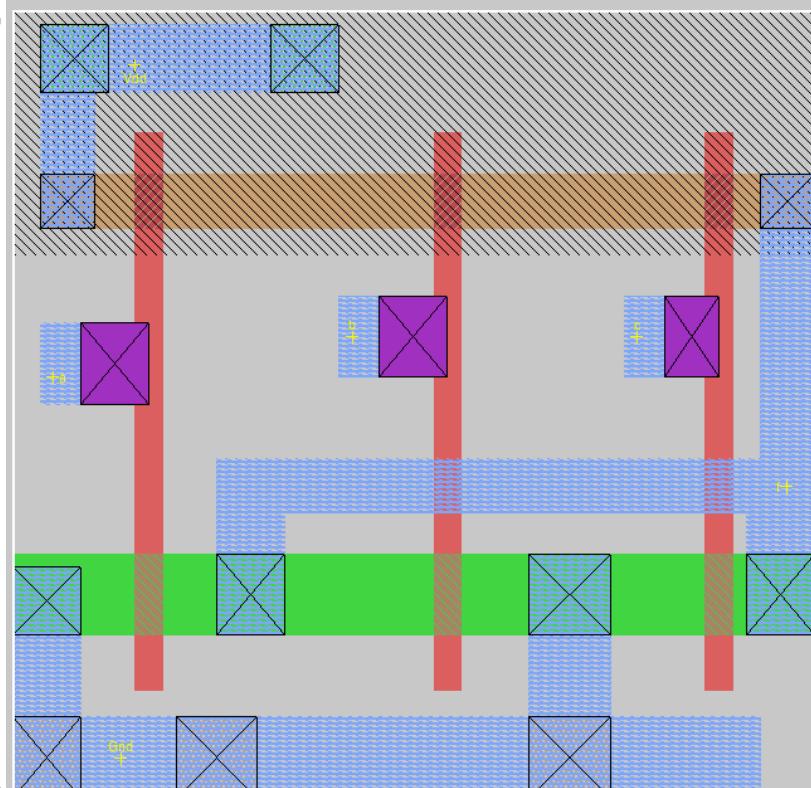
nand3
(44 21) 59 59 lambda



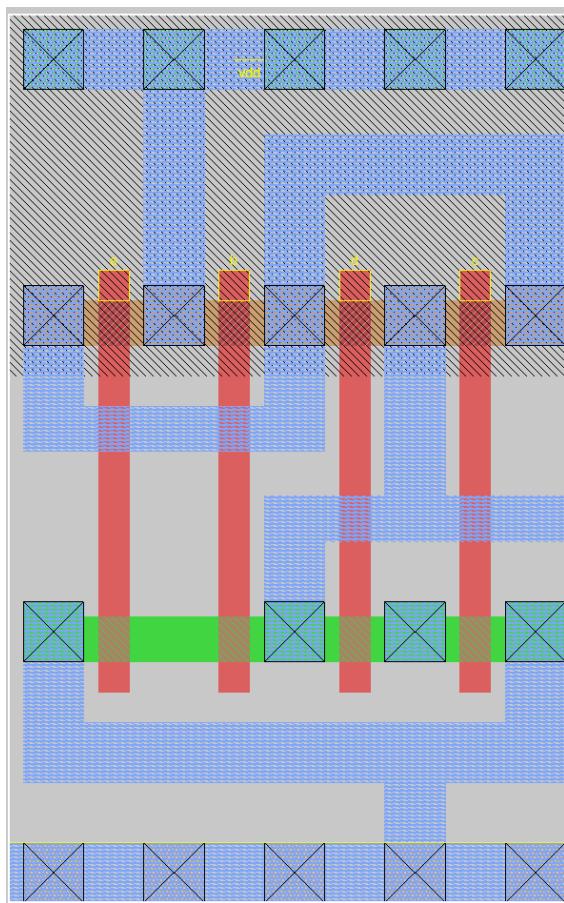
nor2
(40 21) 59 59 lambda



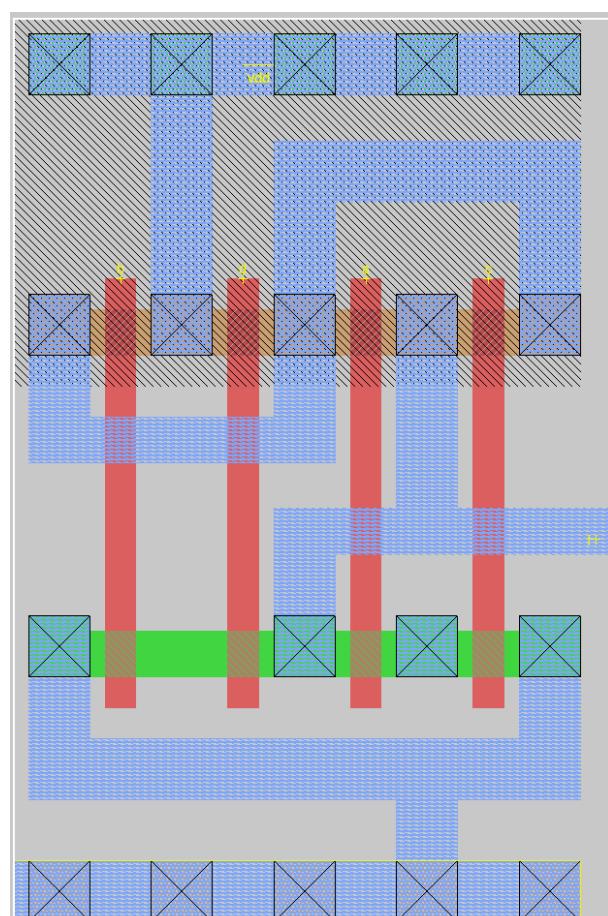
nor3
(44 21) 59 59 lambd

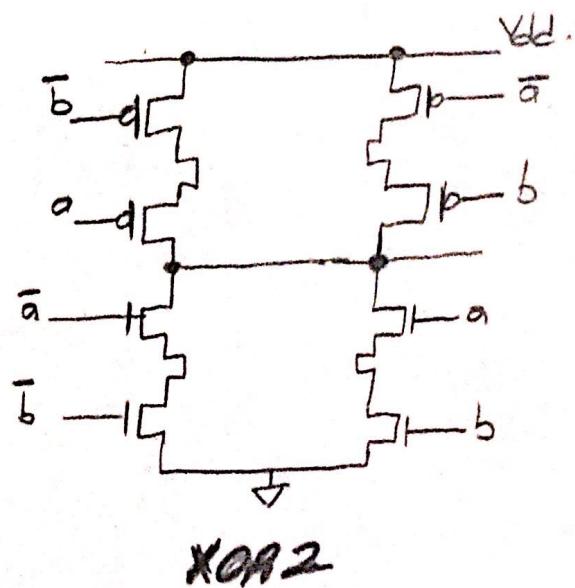
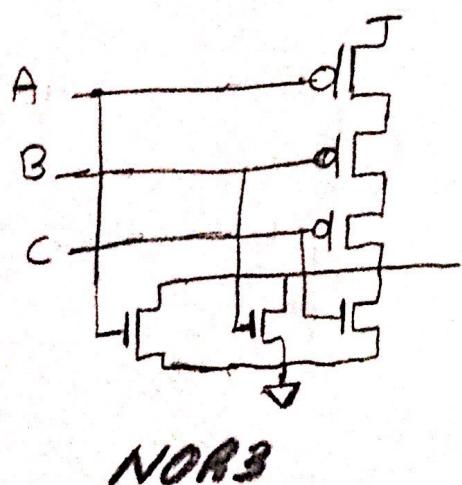
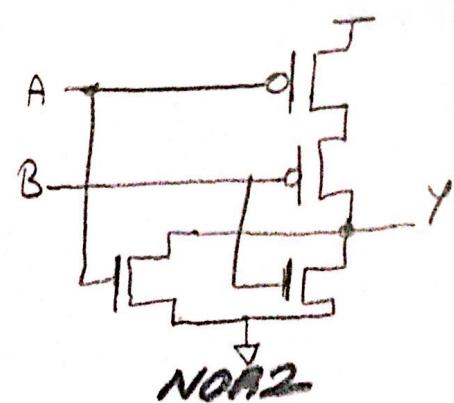
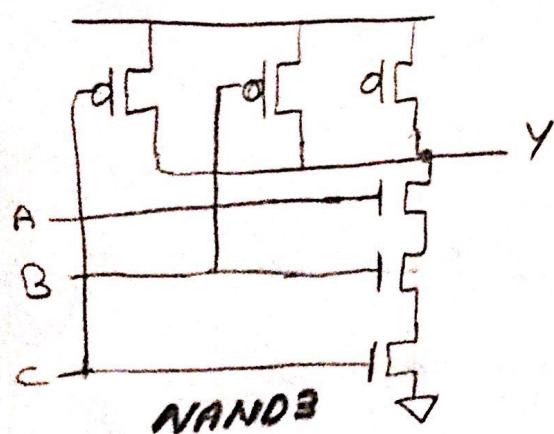
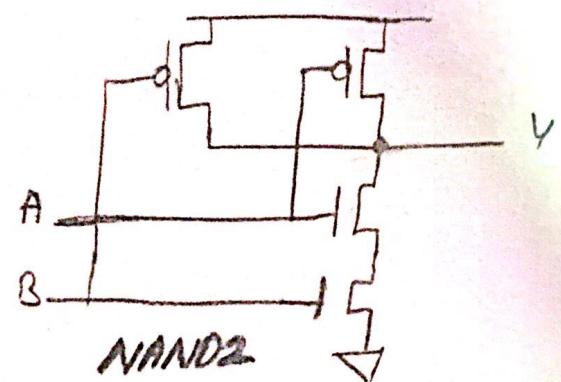
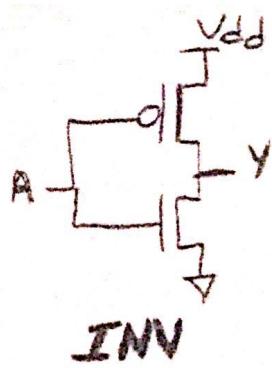


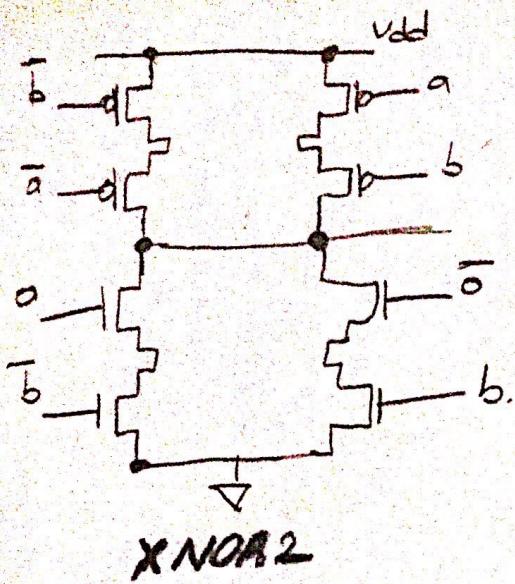
AOI22
(-37 27) 37 59 lambda



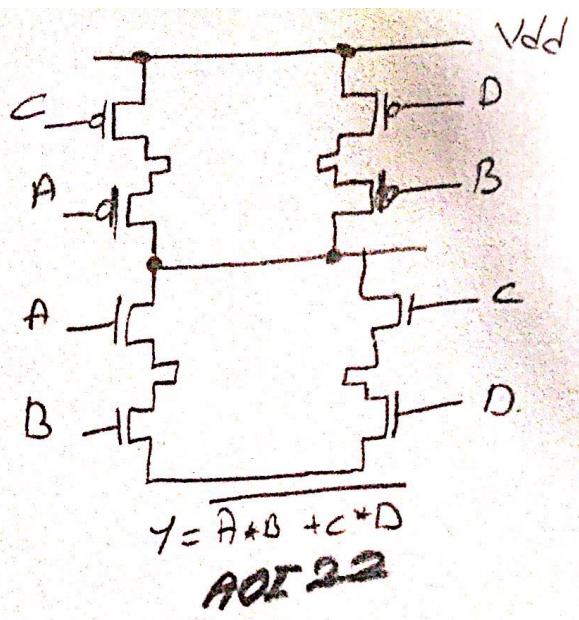
OAI22
-(35 27) 39 59 lambda





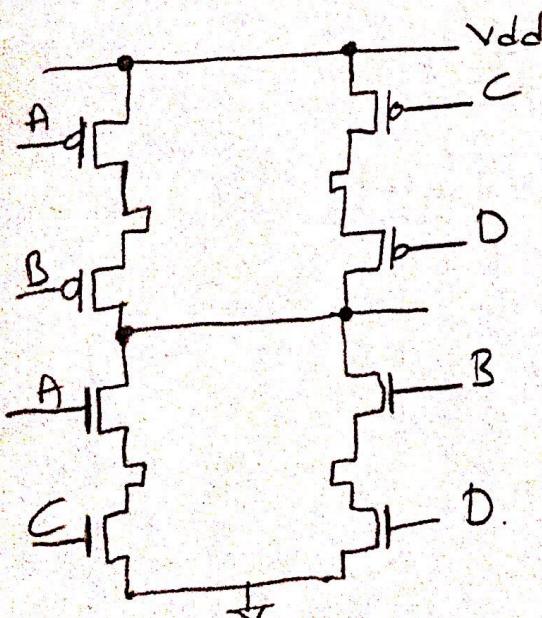


XNOR2



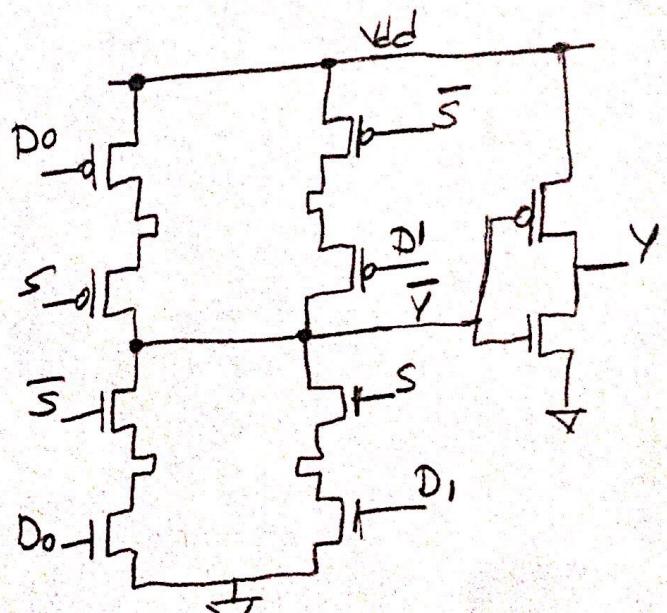
$$Y = \overline{A+B+C+D}$$

AOI 22



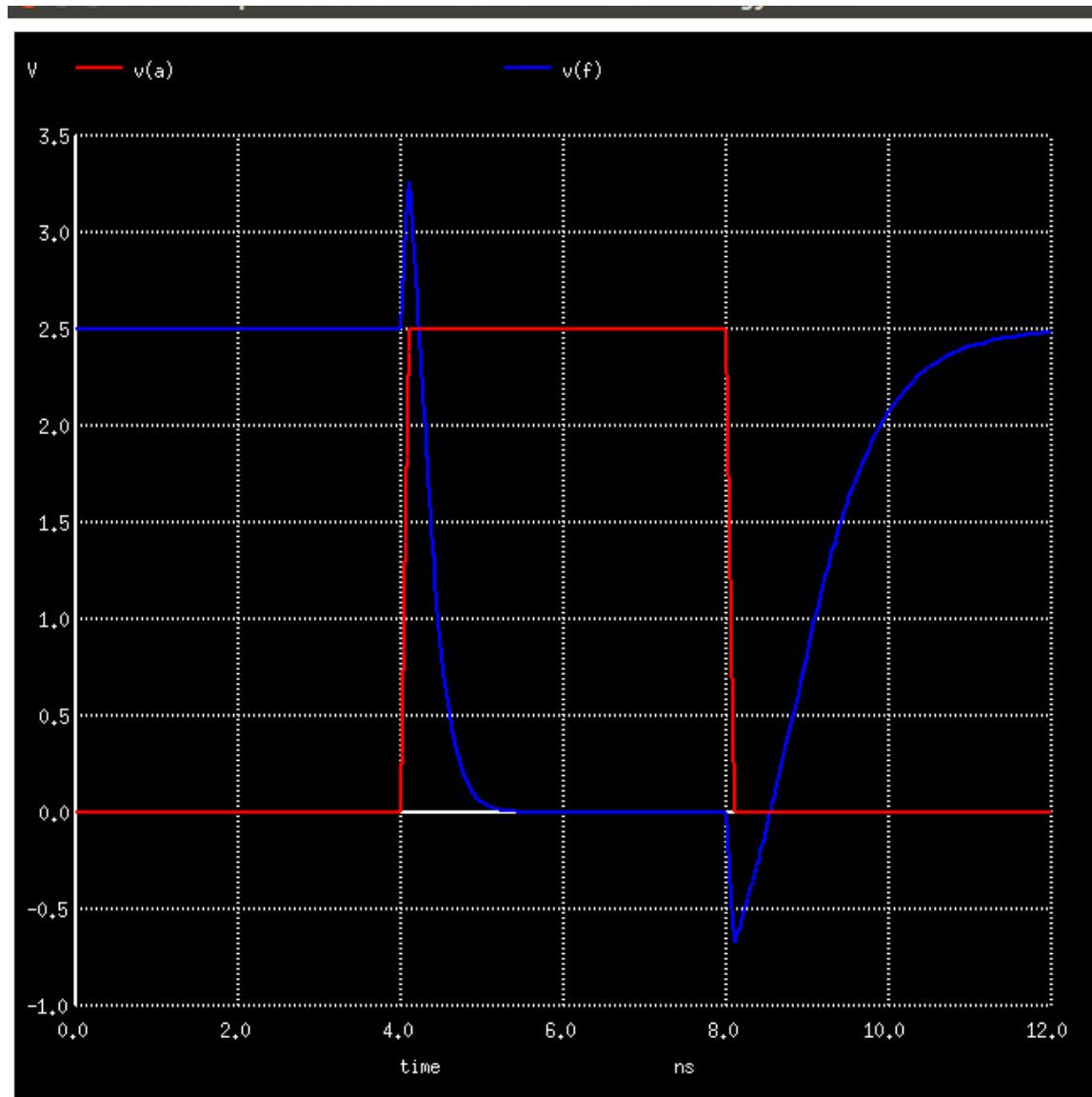
$$Y = \overline{(A+B)*(C+D)}$$

OAI 22



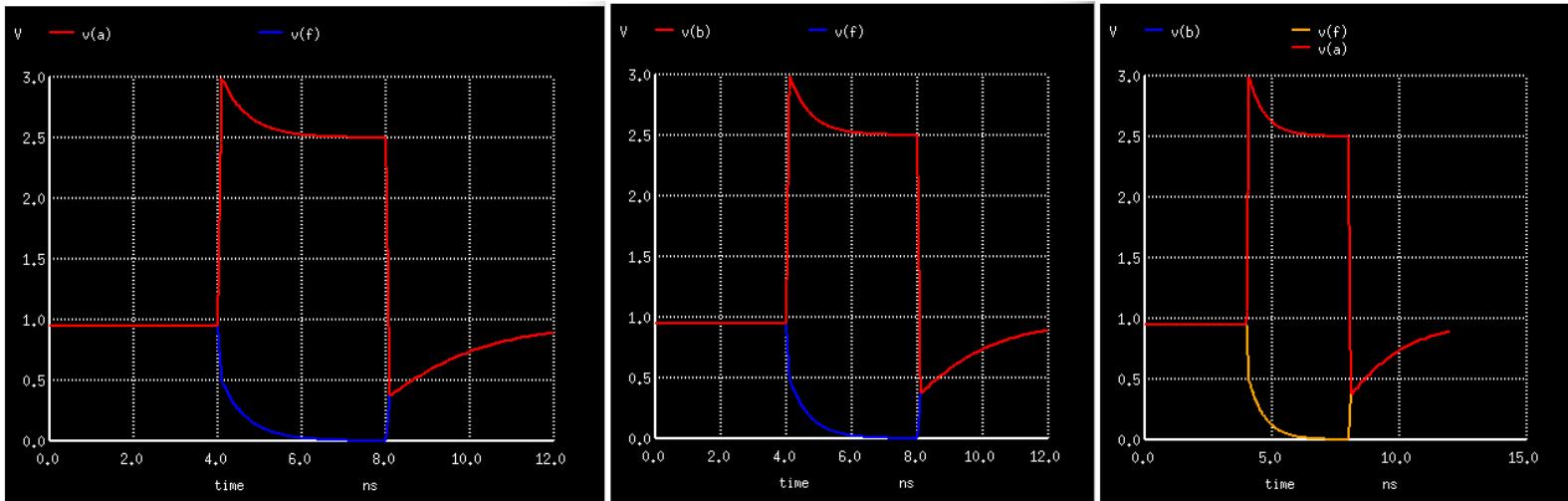
MUX 2x1

plot v(a) v(f) (inv)



nand2

plot v(a) v(f)
plot v(b) v(f)
plot v(a) v(b) v(f)(



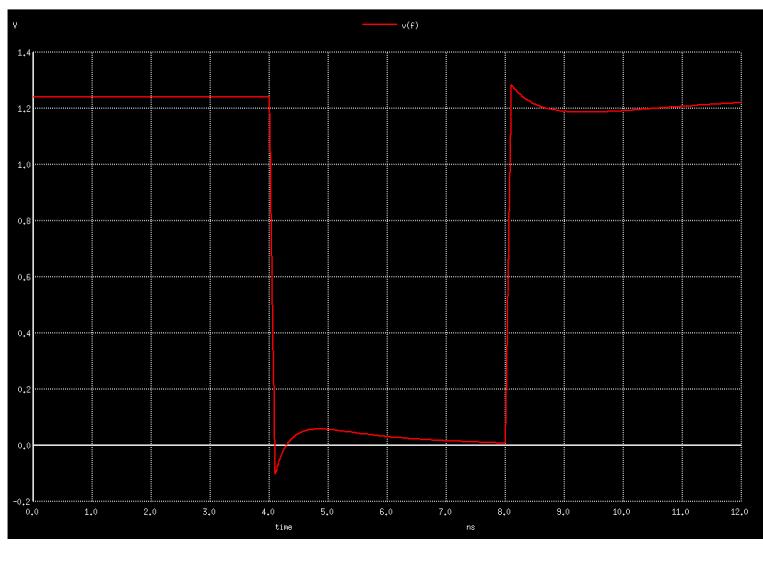
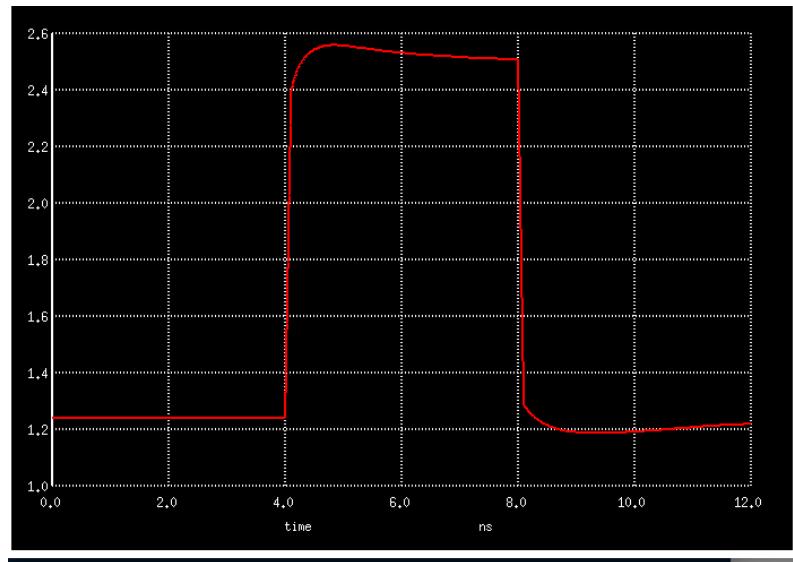
nand3

plot v(a)

plot v(b)

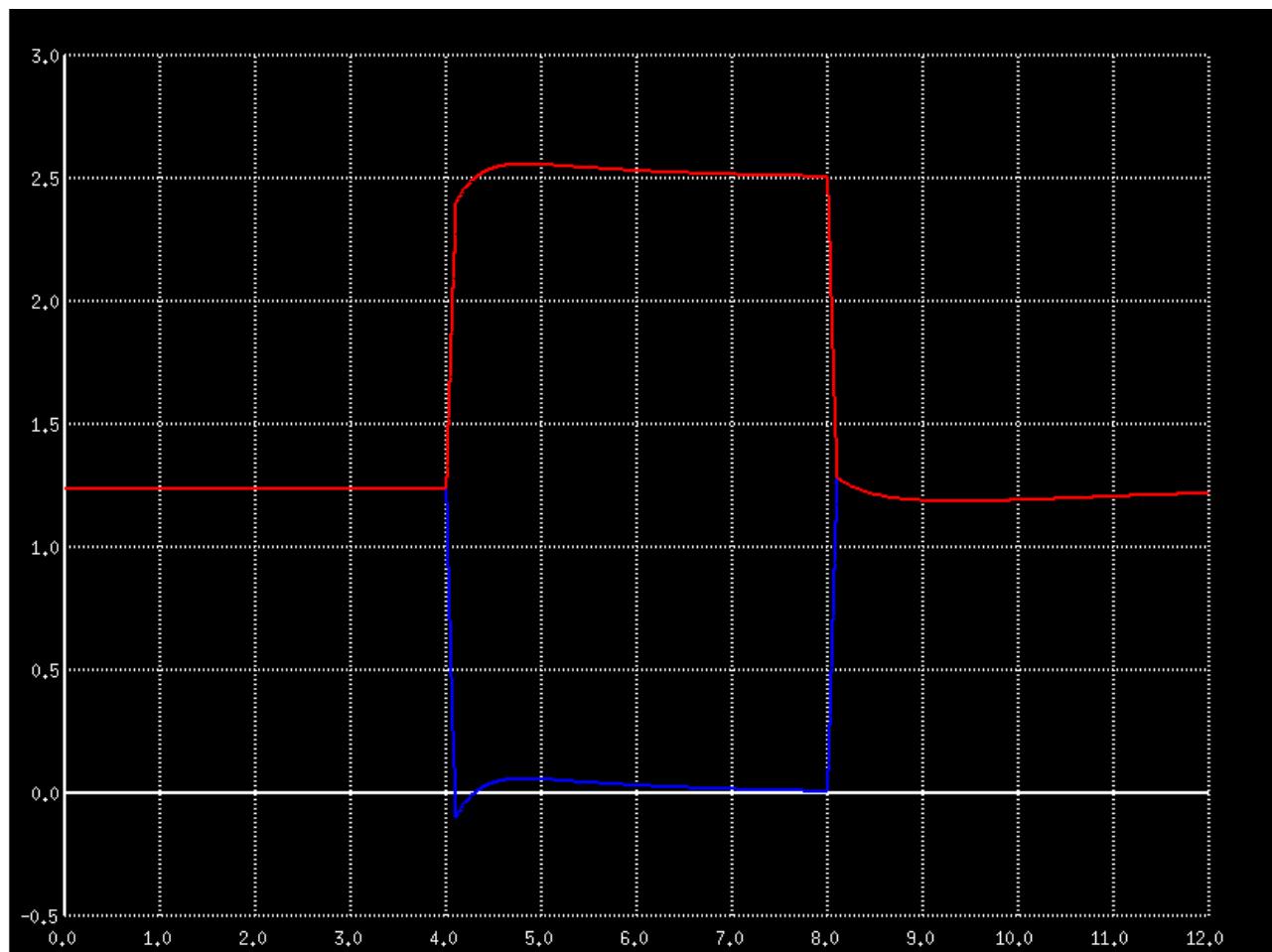
plot v(c)

v(f)



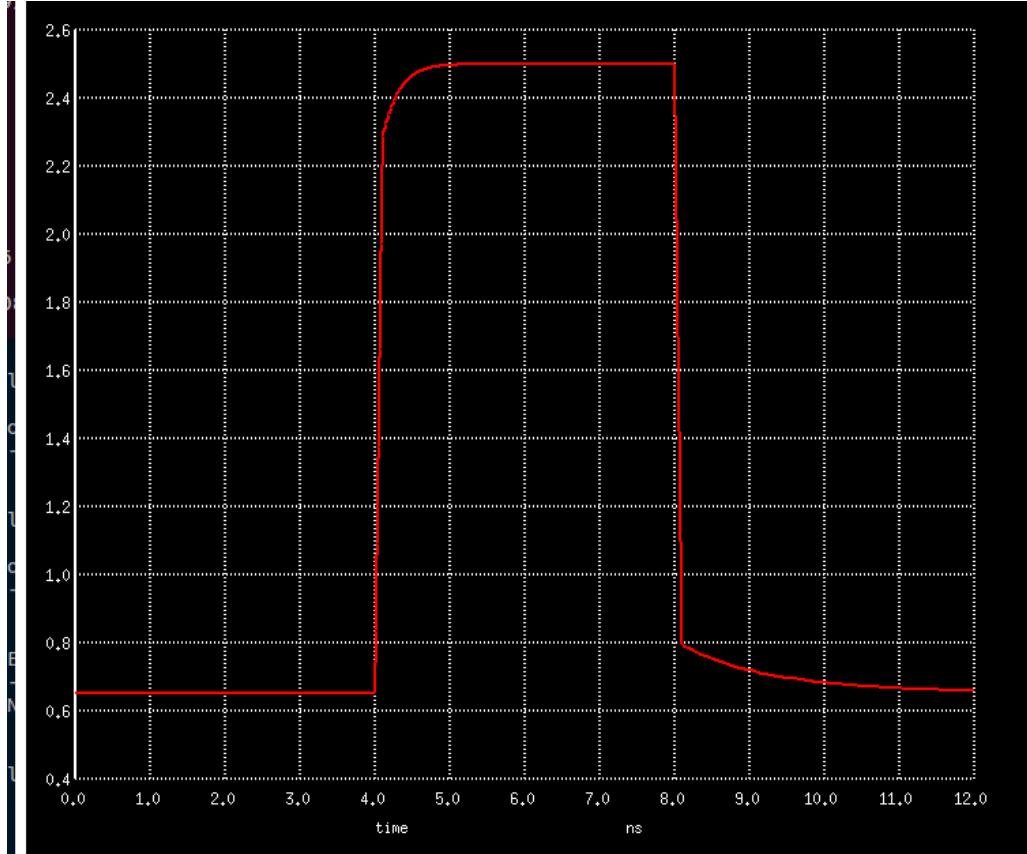
plot v(a,b,c) v(f)

nor2



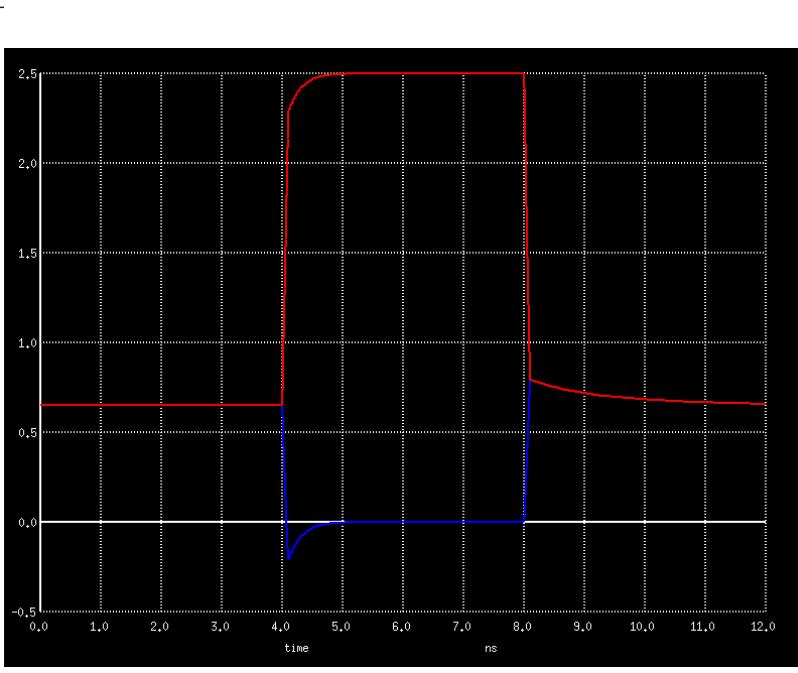
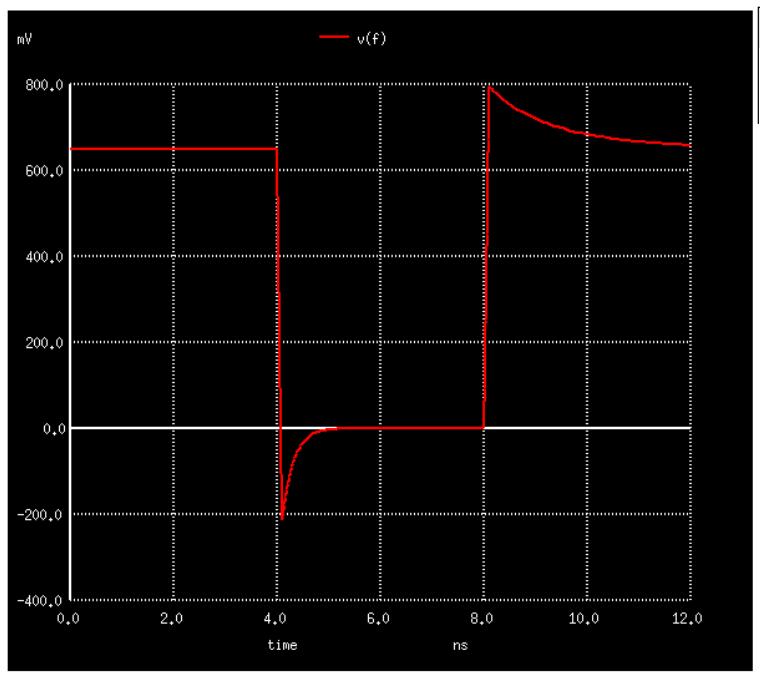
hardco

plot v(a) plot v(b) plot v(c)



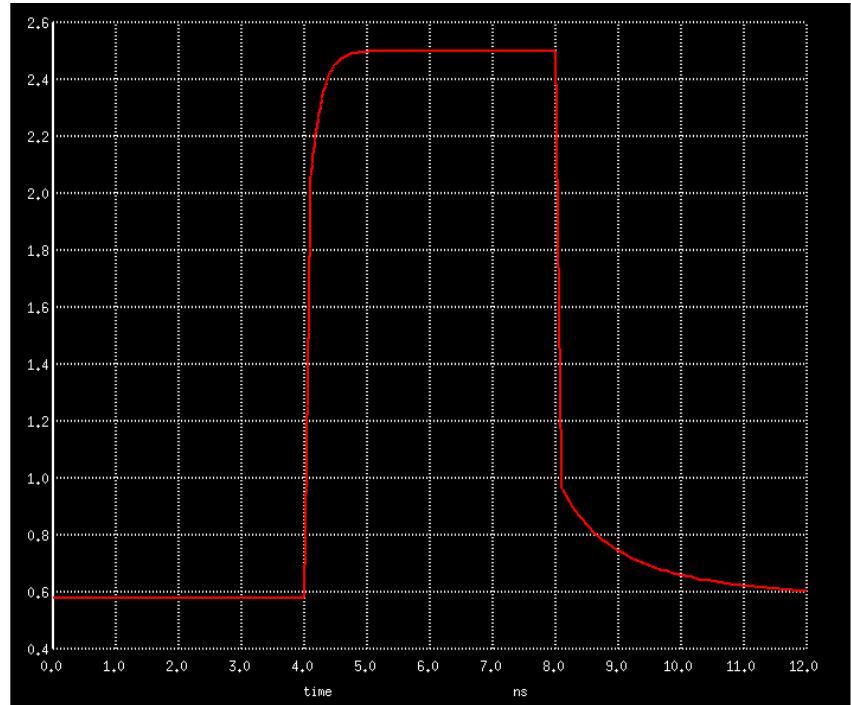
plot v(f)

plot v(a) v(f)

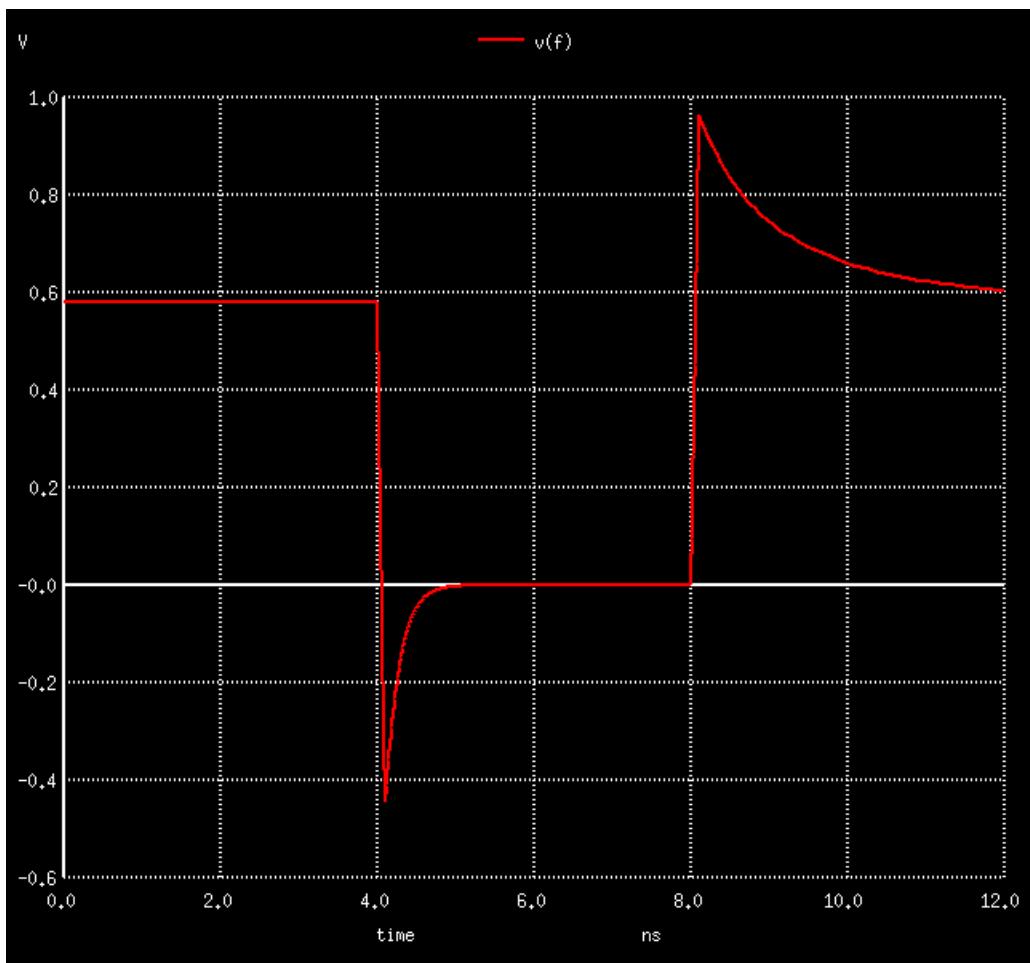


(nor3)

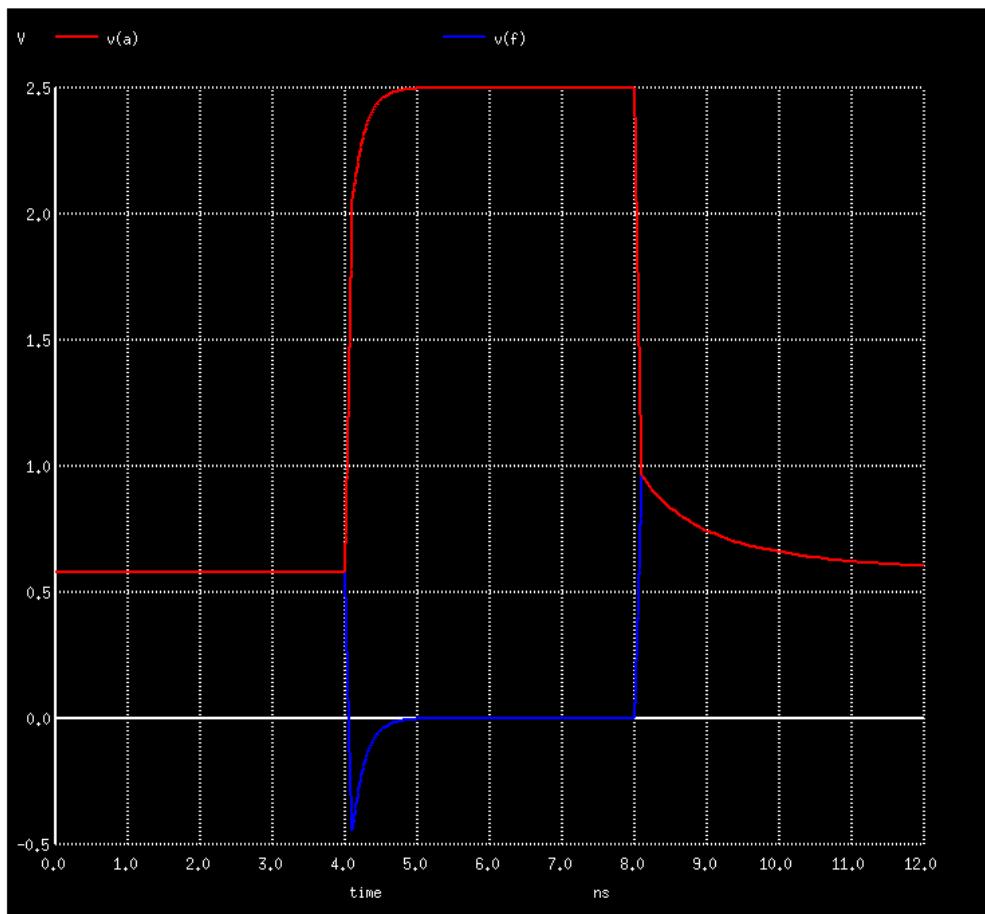
plot v(a)
plot v(b)
plot v(c)



plot v(c)

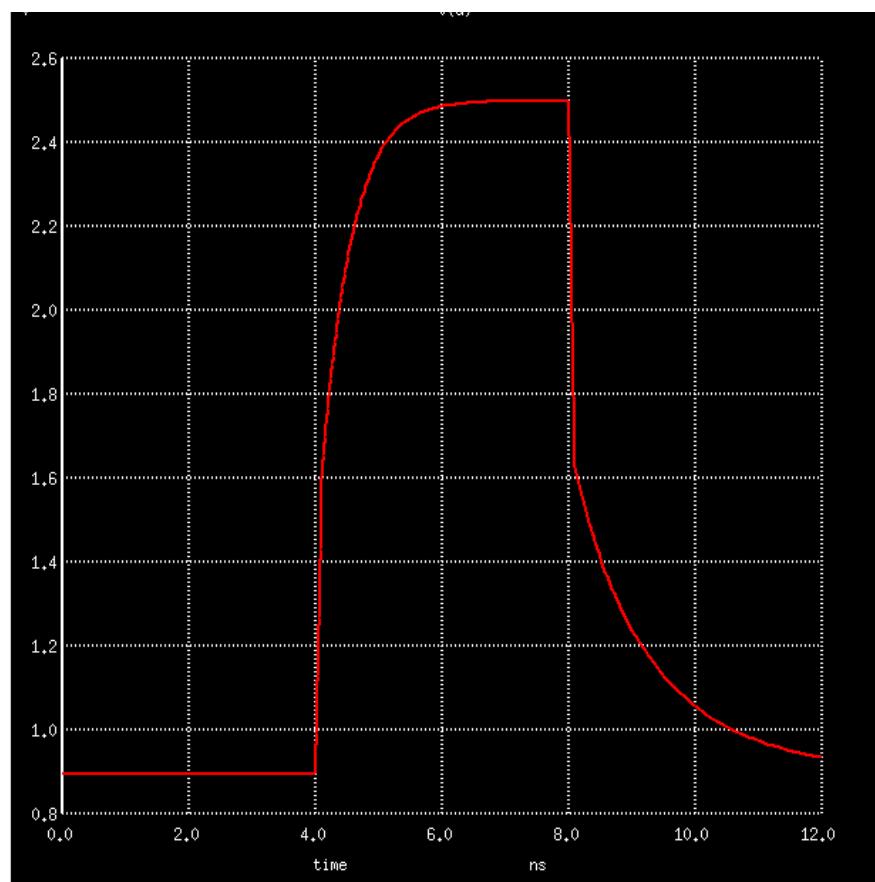


plot v(a,b,c) v(f)

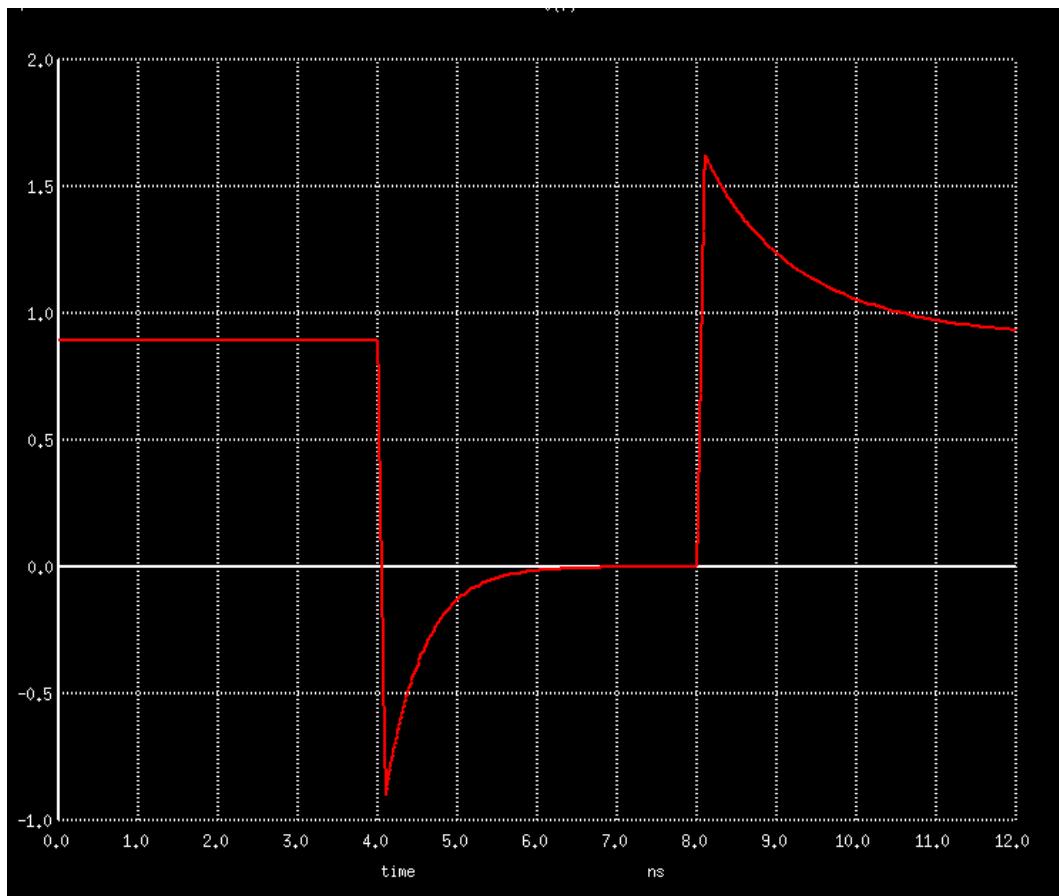


aoi22

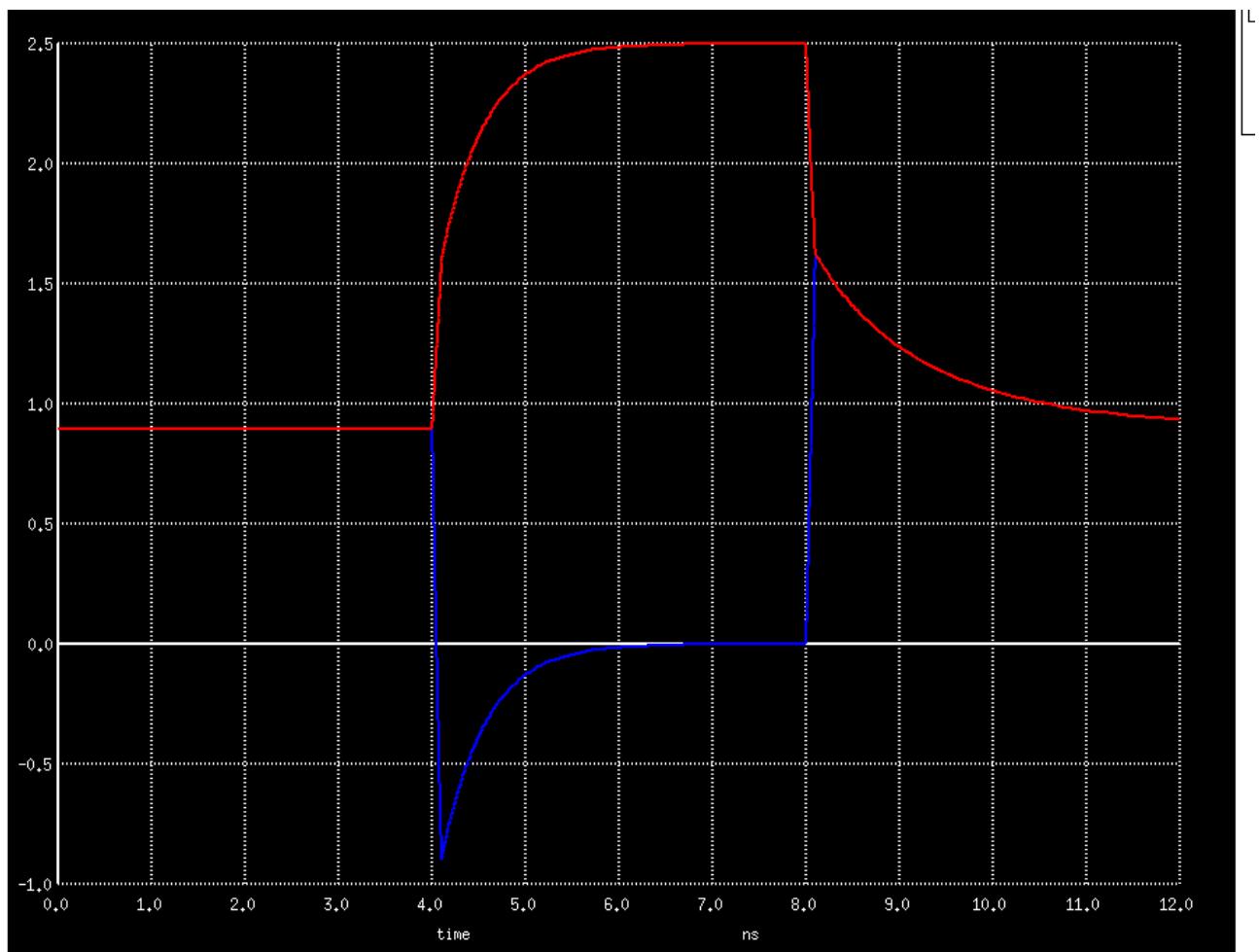
plot v(a) plot v(b) plot v(c) plot v(d)



plot v(f)

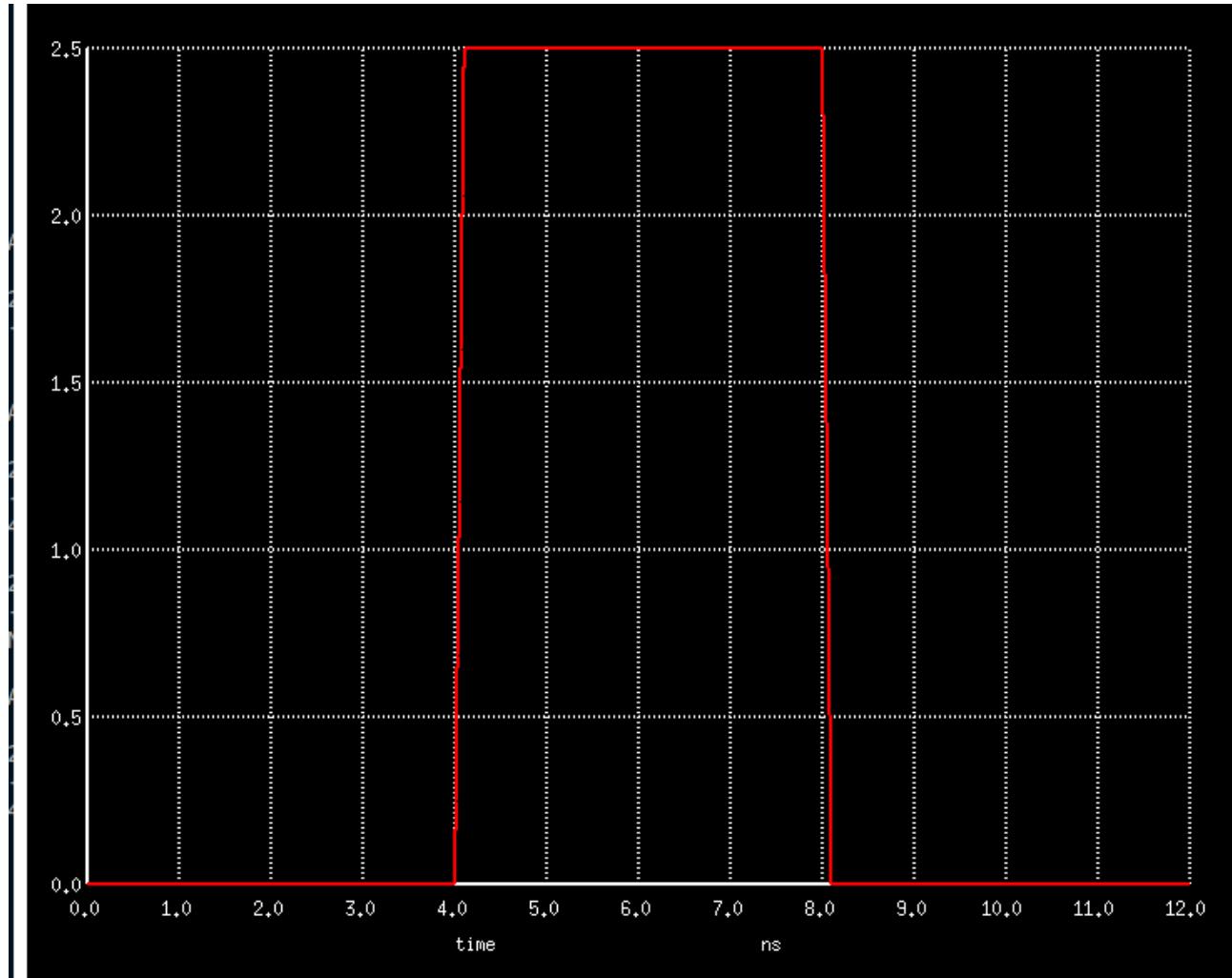


plot v(a) v(f)

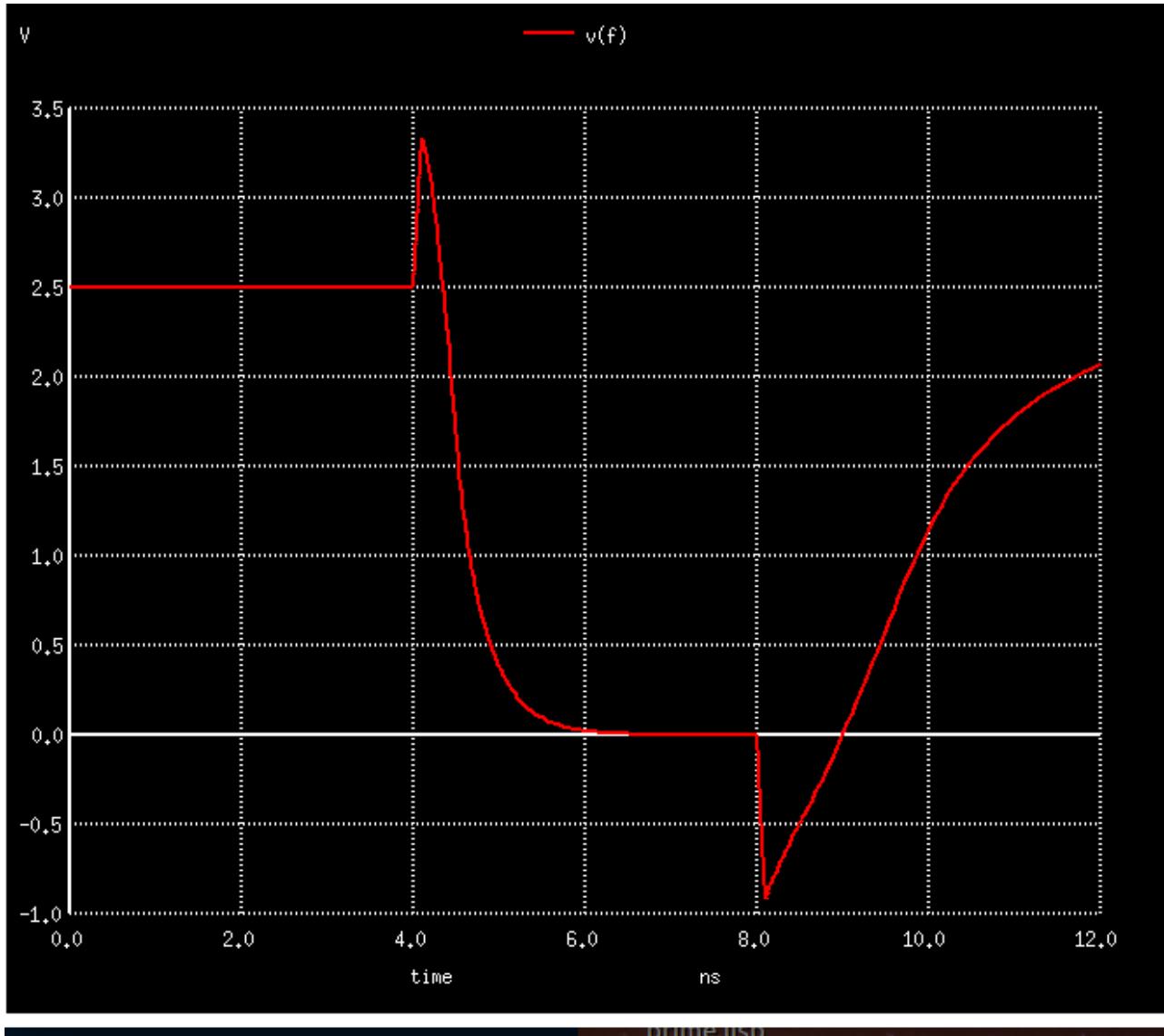


oai22

plot v(a)
plot v(b)
plot v(c)



plot v(f)



prime.usp

plot v(a) v(f)

