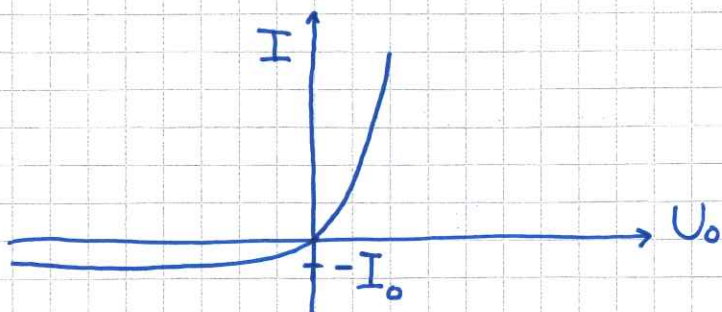


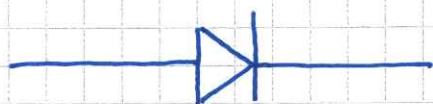
Vi har et nytt kretselement - dioden - med strøm-spennings-karakteristikk

$$I(U_0) = I_0 \{ \exp(eU_0/k_B T) - 1 \}$$



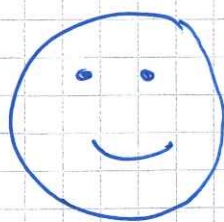
Fungerer som en likeretter: Leder godt fra p til n, leder dårlig fra n til p.

Kretssymbol:

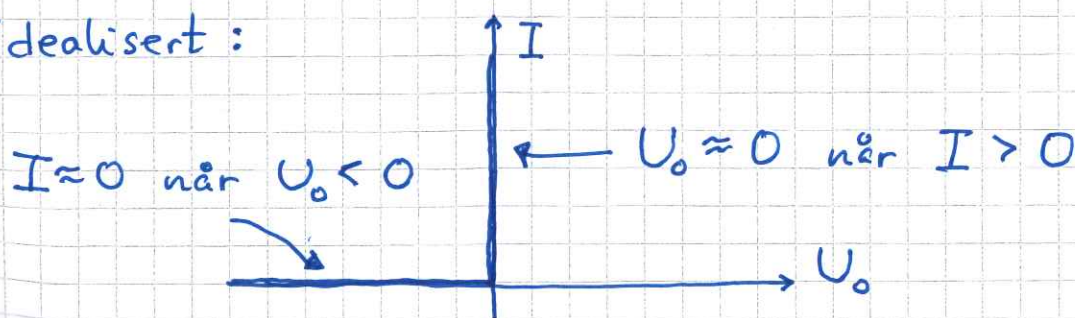


Selve grunnlaget for moderne elektronikk!

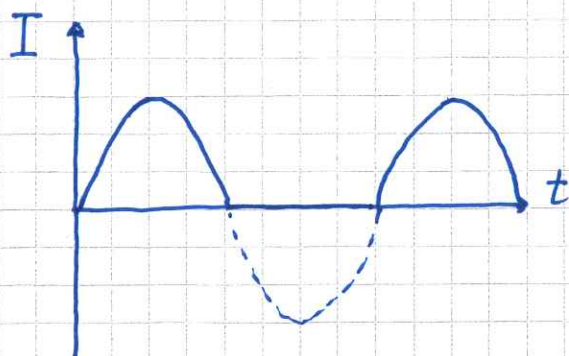
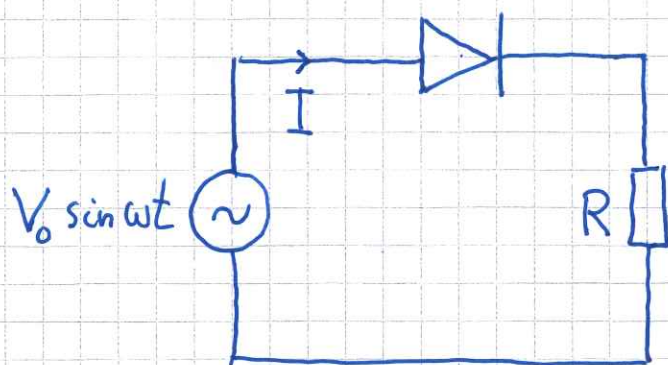
Mye mer om dette i FY6018 etter jul!



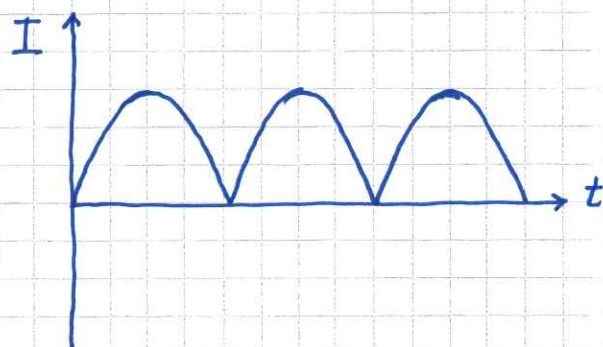
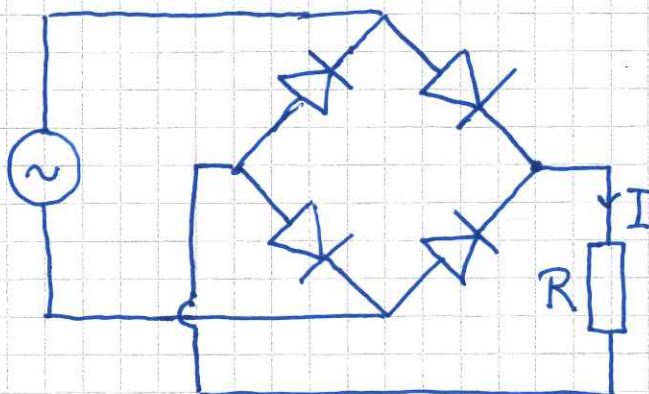
Idealisert:



Halvbølge likeretter :



Helbølge likeretter :



Med utjevnende kondensator :

