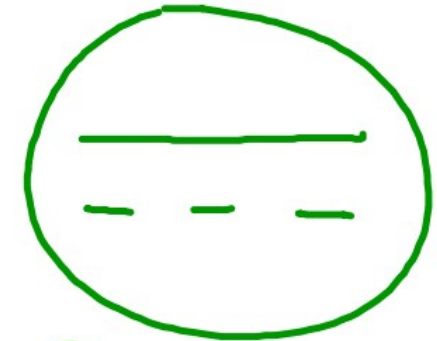
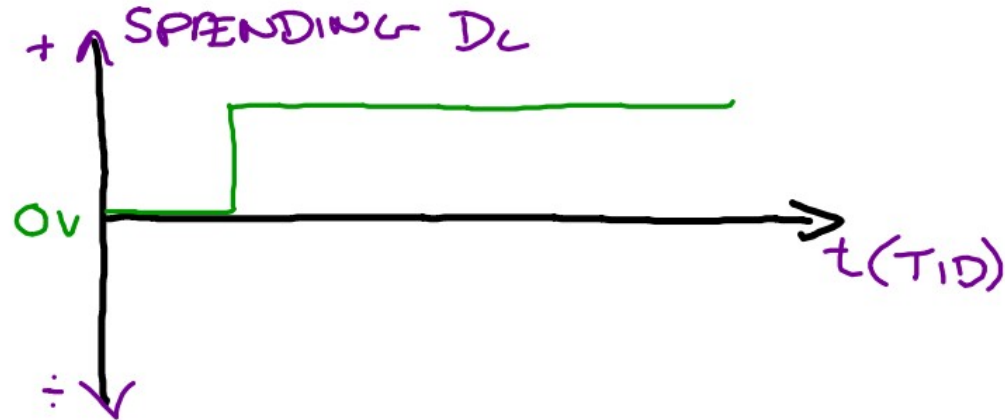


**AC/DC**

# Spænding

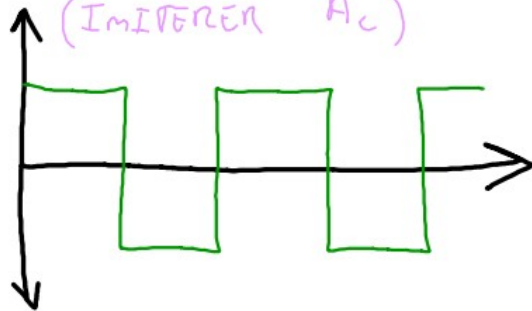
Jevnspænding (Dc)

$D_c = \text{DIRECT CURRENT}$

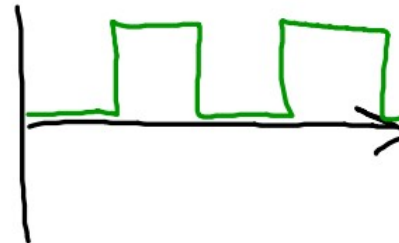


SYMBOL  
FOR  $D_c$

MODIFISERET SINUSKURVE  $D_c$   
(IMITERER  $A_c$ )



PULSERENDE  $D_c$

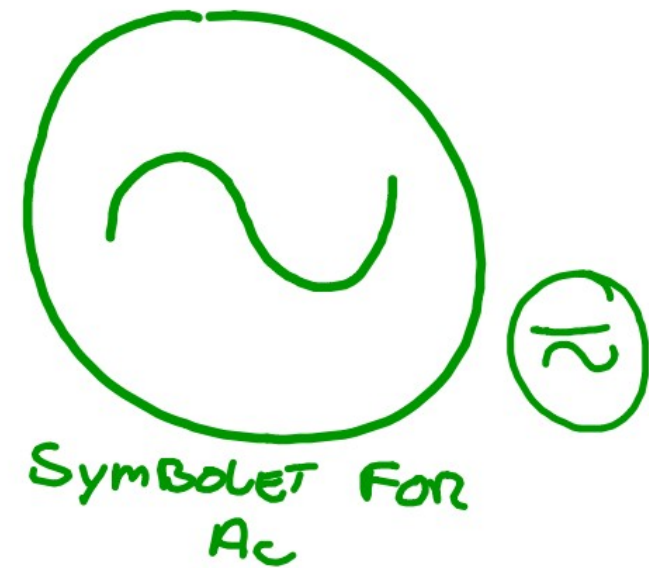
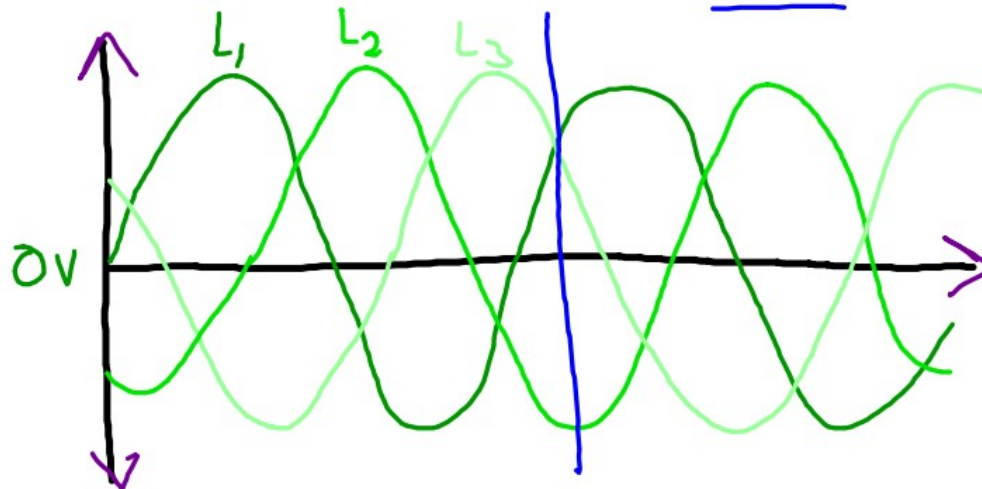
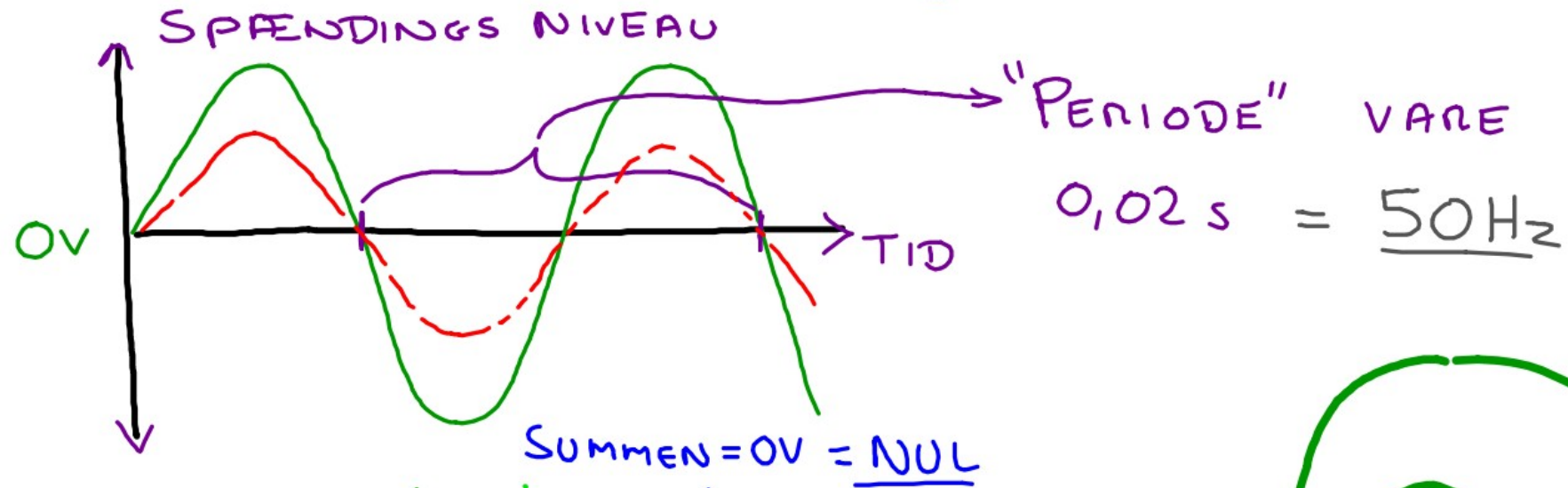


SYMBOL TIL  
PULSERENDE  $D_c$

# Spænding

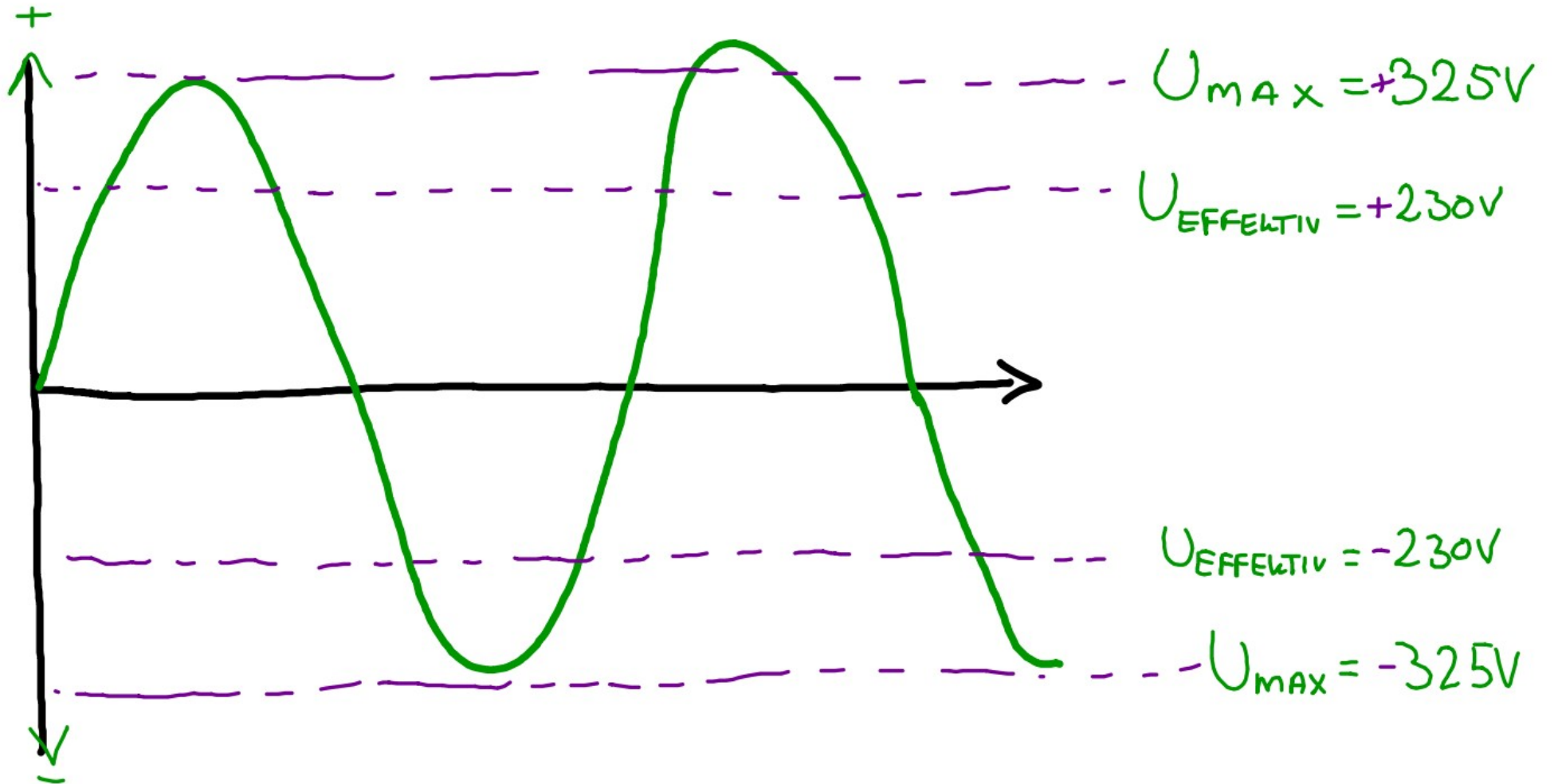
Vekselspænding (Ac) Frikvens og de 3 faser i Danmark

$A_C = \text{ALTERNATING CURRENT}$



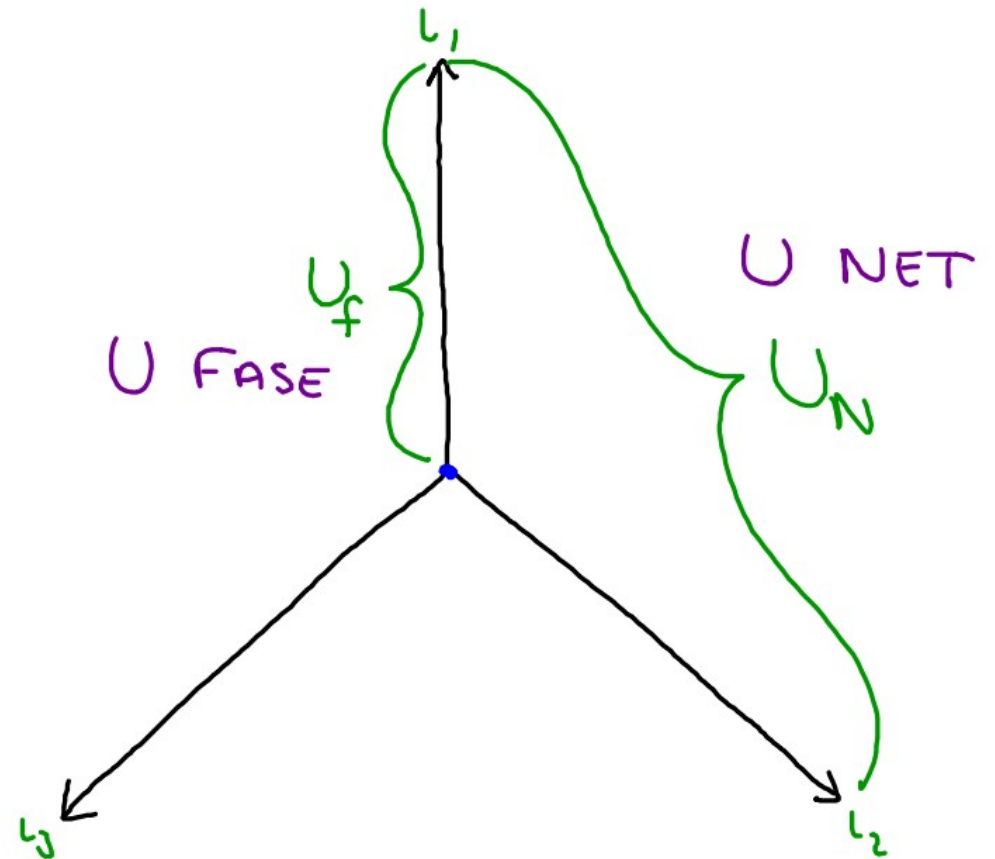
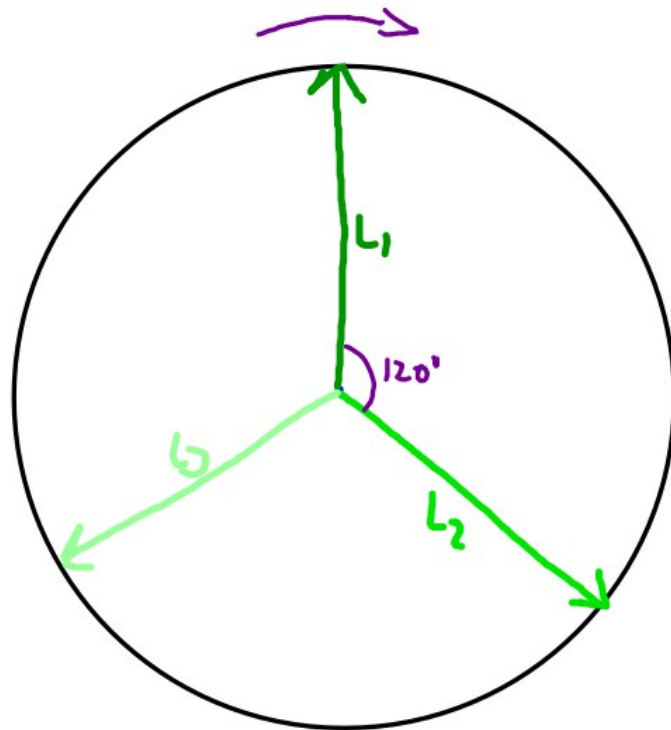
# Vekselspænding

Fasespændingen i Danmark



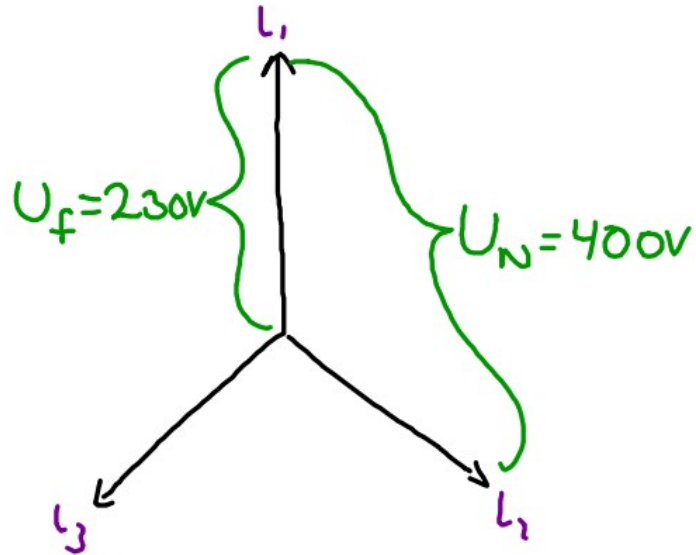
# Vekselspænding

Fase- & Net-spænding i Danmark ( $U_f$  &  $U_N$ )



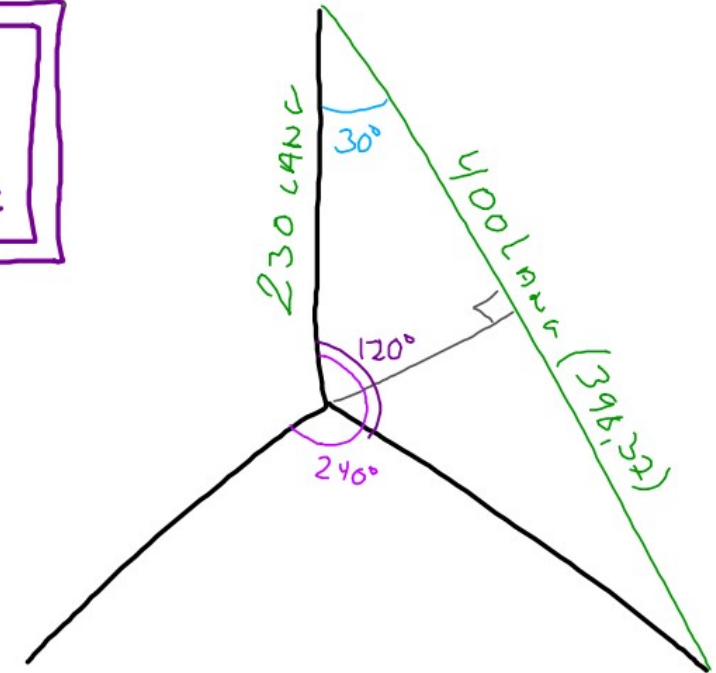
# Vekselspænding

Kvadratrod 3 ( $\sqrt{3}$ ) ved 3 faser



$$U_N = U_f \times \sqrt{3}$$
$$U_f = \frac{U_N}{\sqrt{3}}$$
$$\sqrt{3} = 1,732$$

$U_N$  ER  $\sqrt{3}$   
STØRRE END  $U_f$



$$U_N = 2 (U_f \times \cos(\angle 30^\circ)) = 2 \times (230 \times \cos(\angle 30^\circ)) = \underline{\underline{398,37V}}$$