

## **TMA4130**

### **Fourier rekker og resonance**

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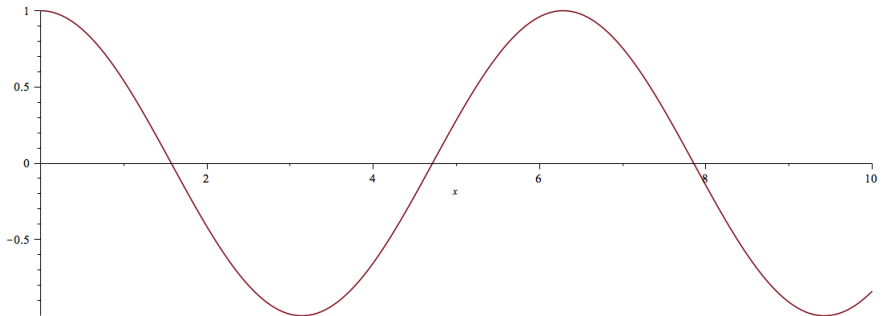
uke 35



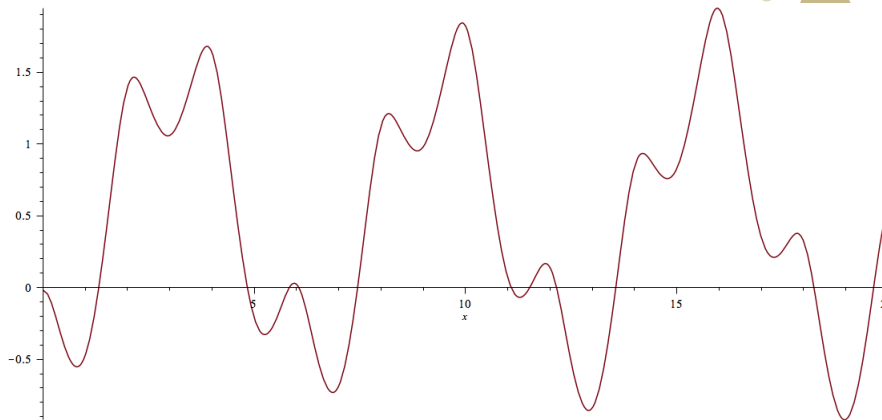
Fjær med demper differentialligningen

$$my'' + cy' + ky = r(t)$$

Løsning til  $y'' + ky = 0$



# Løsning til $y'' + ky = r_1(t)$



# Løsning til $y'' + ky = r_2(t)$

