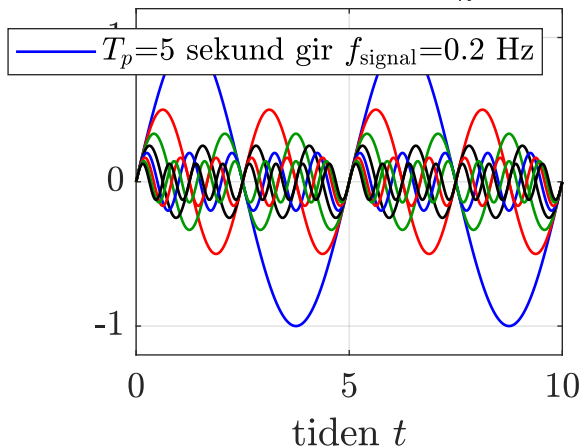
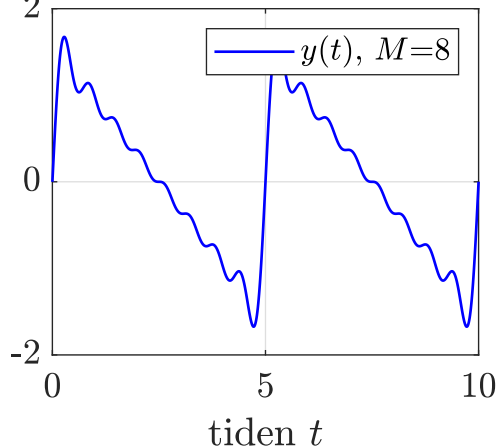


$$y_n(t) = B_n \sin(2\pi f_n t), \quad B_n = \frac{1}{n}, \quad f_n = n \cdot f_{\text{signal}} \quad T_p = 5 \text{ sekund gir } f_{\text{signal}} = 0.2 \text{ Hz}$$



$$y(t) = \sum_{n=1}^M B_n \sin(2\pi f_n t)$$



Fourierkoeffisientene B_n mot frekvens f_n Fouriertransformasjonen av $y(t)$

