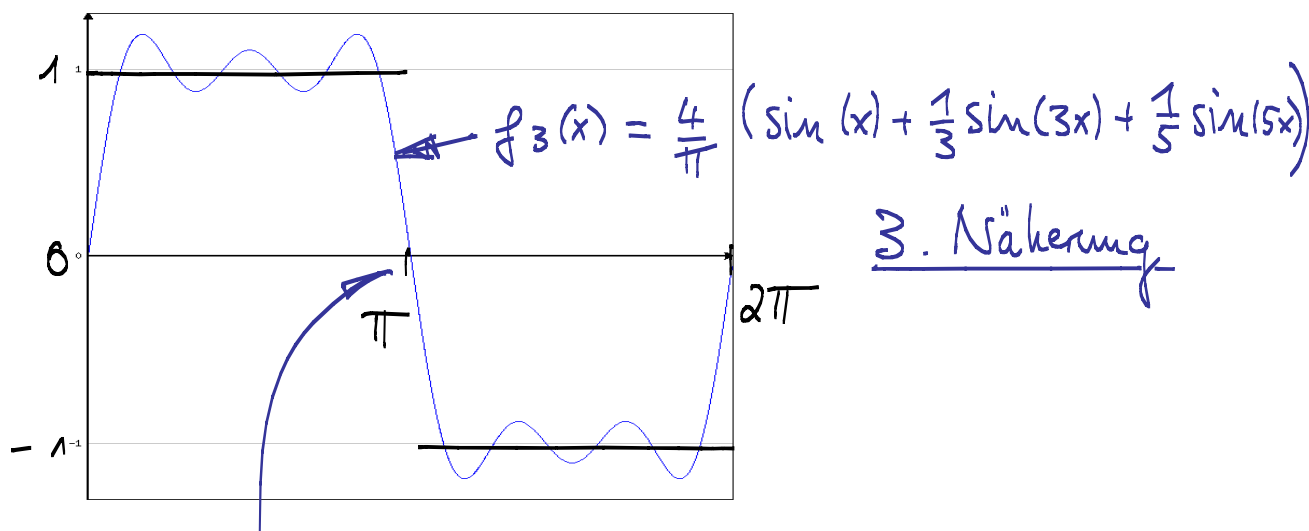
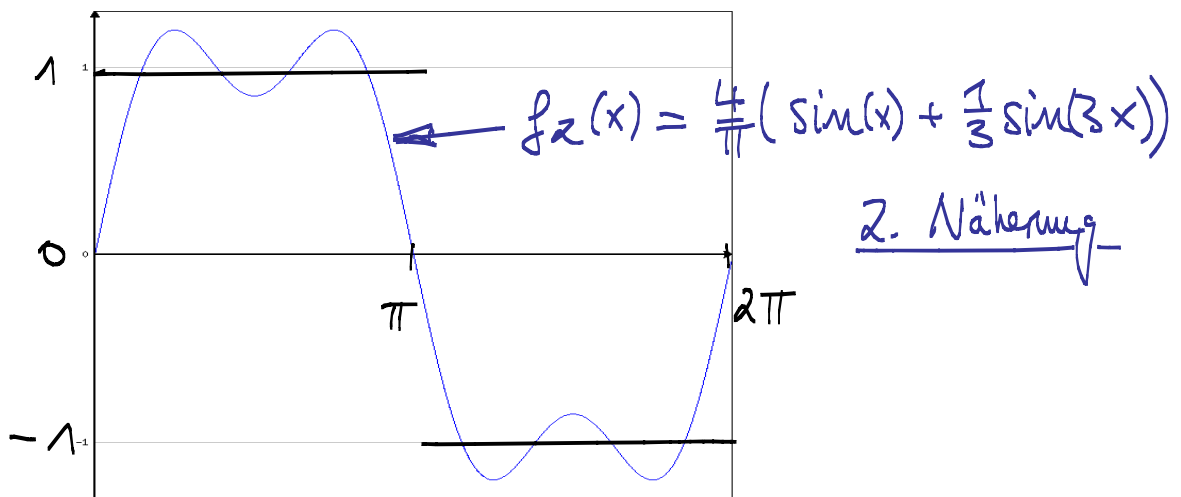
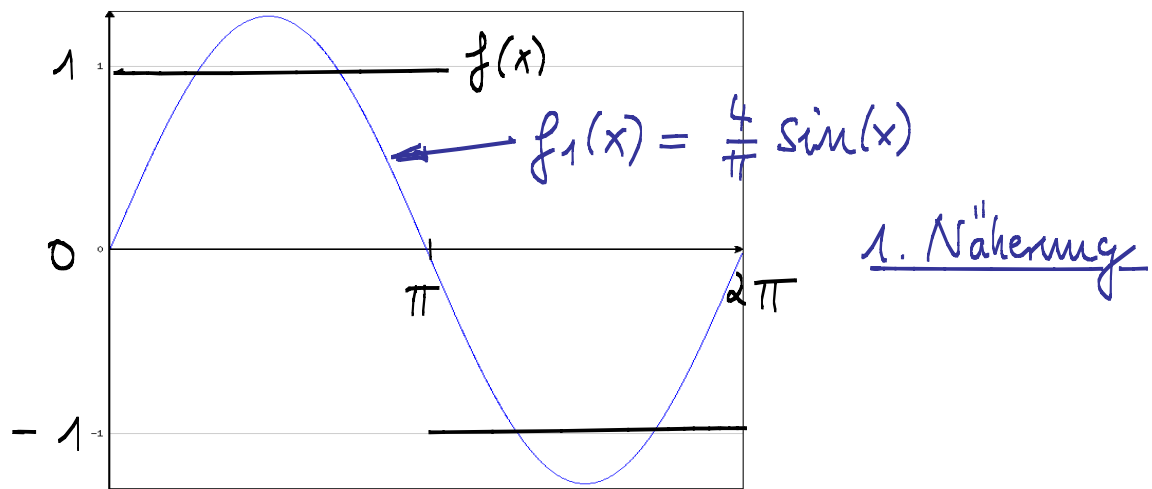


# Grafische Darstellung der Näherungen:



An der Sprungstelle  $x_0 = \pi$  nähert sich die Fourierreihe dem Wert  $\frac{1}{2} (1 + (-1)) = 0$ , d.h.

$$f_n(\pi) \rightarrow 0 \quad (n \rightarrow \infty).$$