White Noise: $\varepsilon_t \sim N(0, 1)$
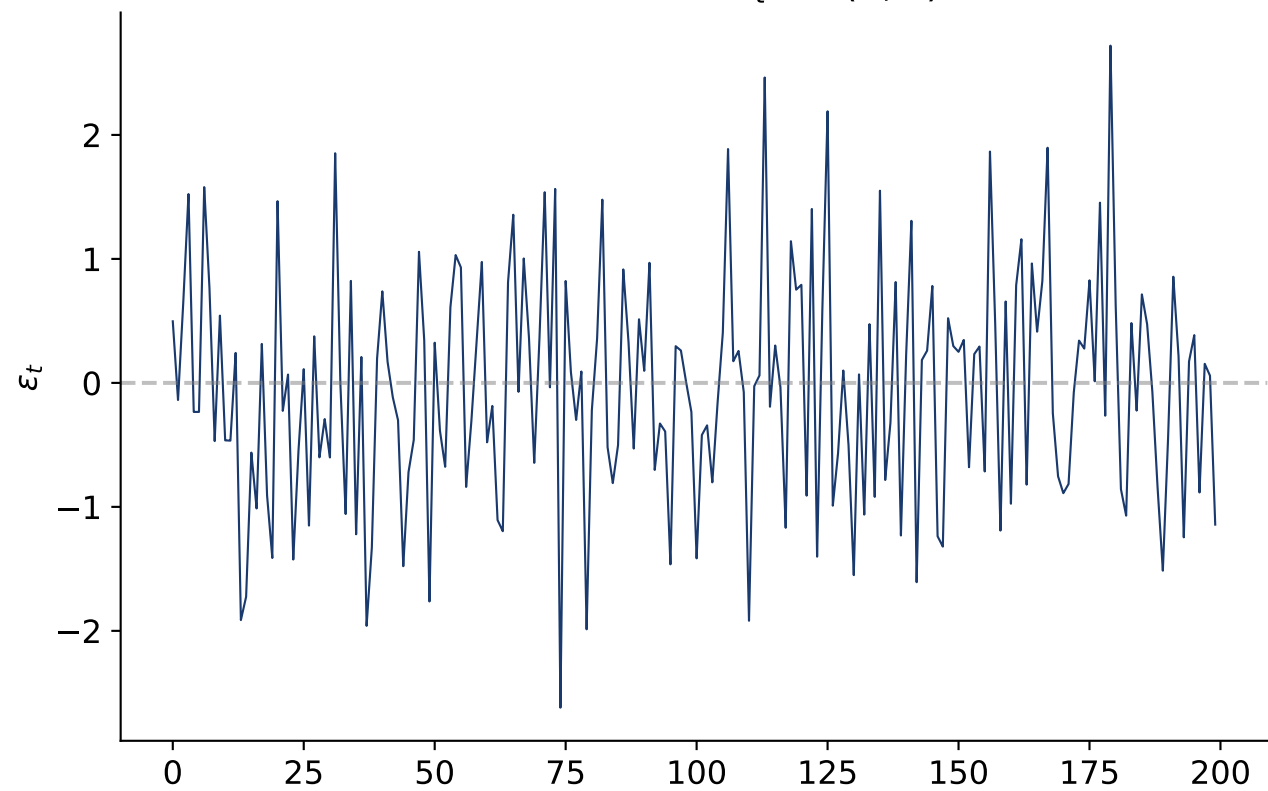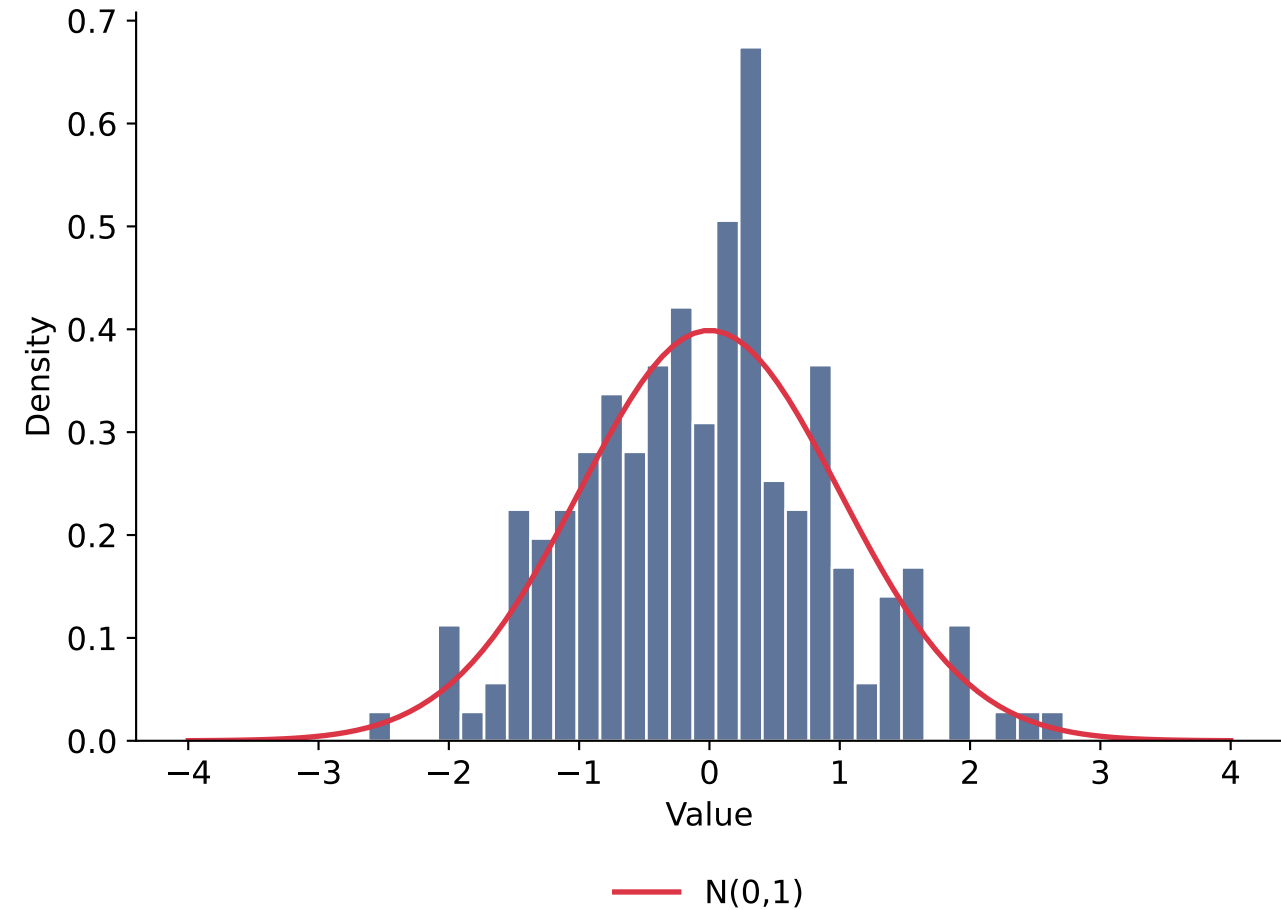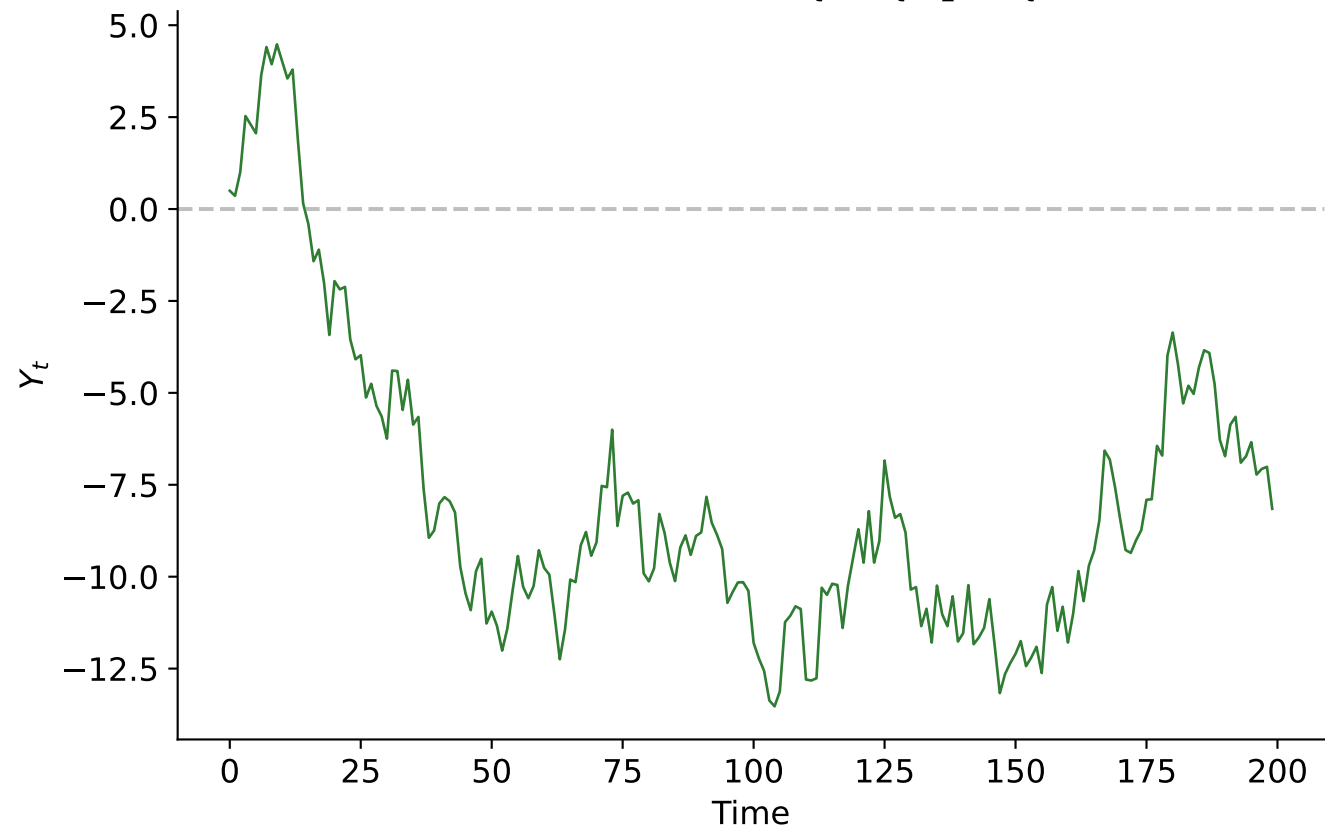
White Noise Distribution

N(0,1)

Random Walk: $Y_t = Y_{t-1} + \varepsilon_t$

Random Walk: Multiple Realizations