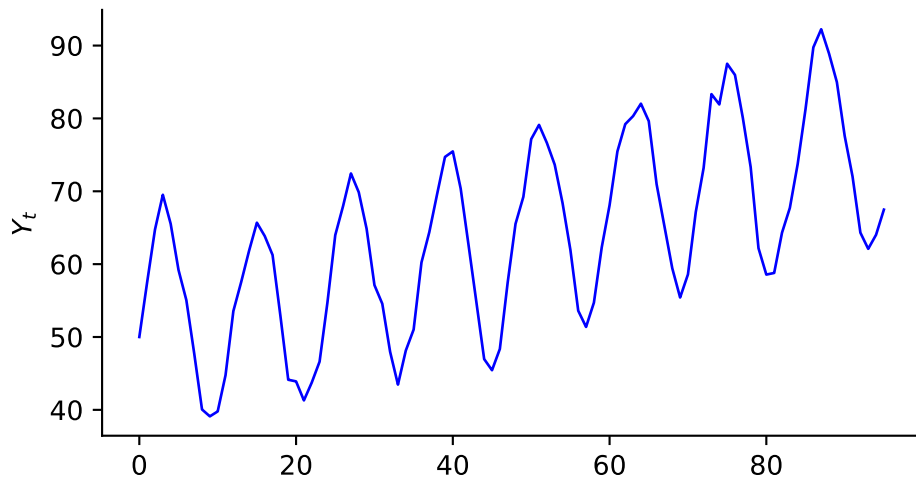
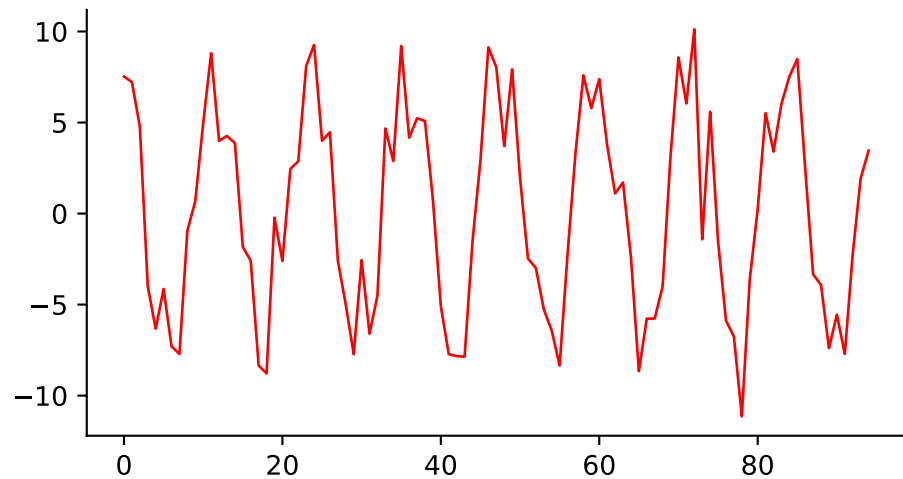
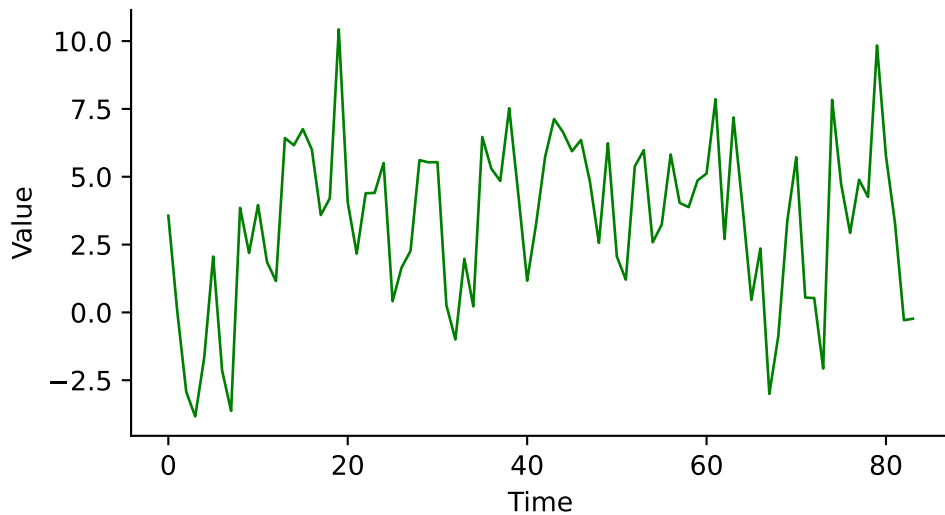


SARIMA(1, 1, 1)  $\times$  (1, 1, 1)<sub>12</sub> SeriesAfter regular difference  $\Delta Y_t$ After seasonal difference  $\Delta_{12} Y_t$ Both differences:  $\Delta \Delta_{12} Y_t$ 