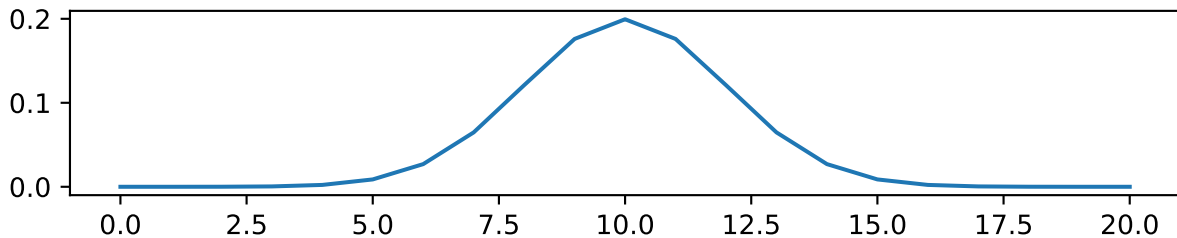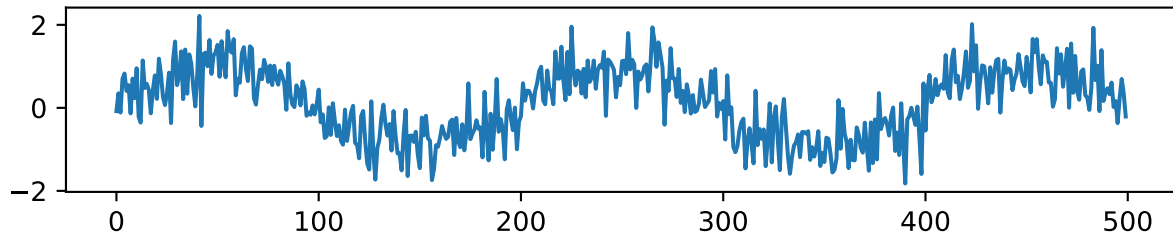1D Gaussian filter

Sin + Noise

Convolved Sin + Noise