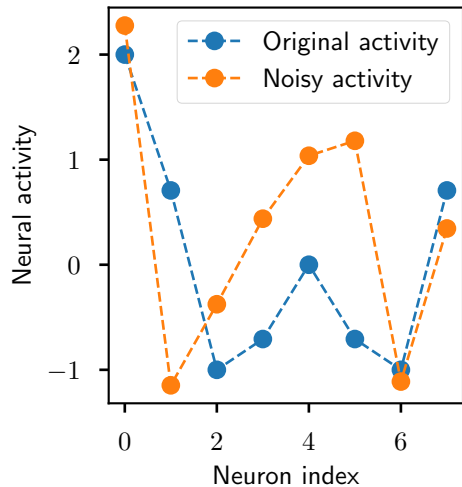
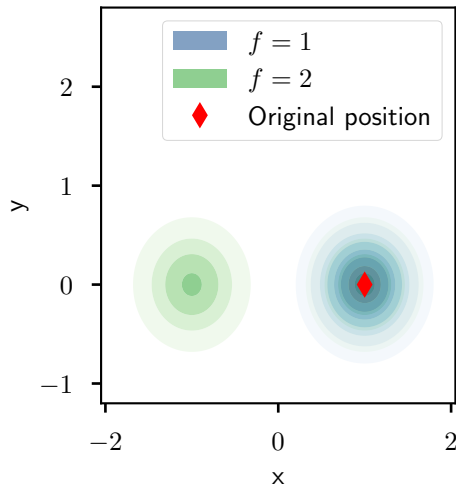


# Encoding the position with multiple harmonics is fragile to noise in the lower frequency

Original and noisy neural activity



Likelihood for each harmonic without noise



Likelihood for each harmonic with noise

