

Aliasing and Convolutions in Fourier Series

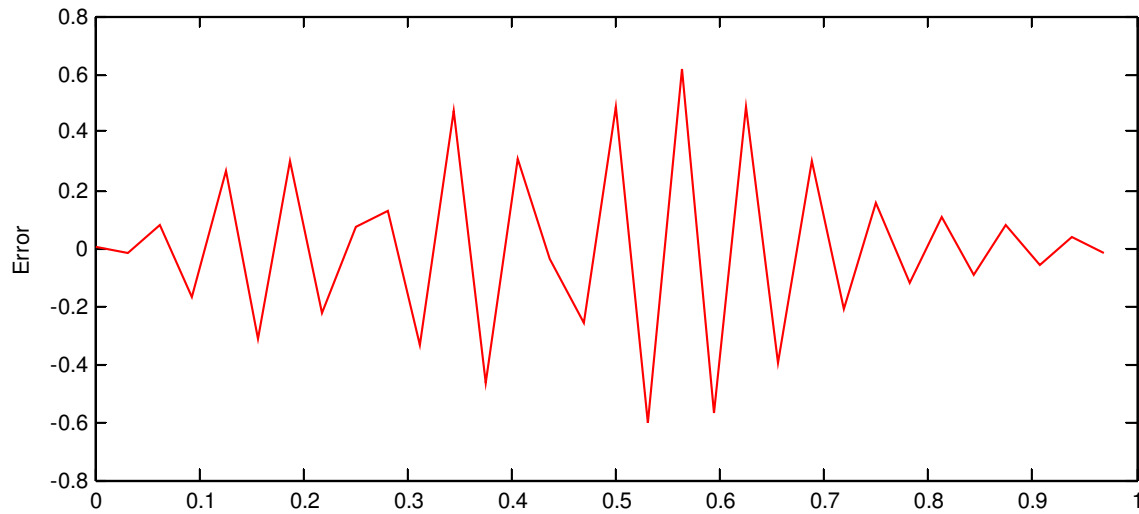
Mariana Cassimiro, Brian Emmanuel, Michael Lam

Advisor: David Hornthrop

Department of Mathematical Sciences

NJIT

Topics: Aliasing in discrete convolutions, Dealiasing techniques, Gaussian random fields



Plot of aliasing error of a discrete convolution of two random fields