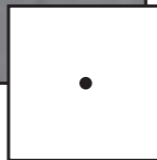


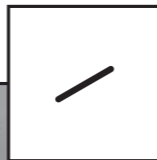
original



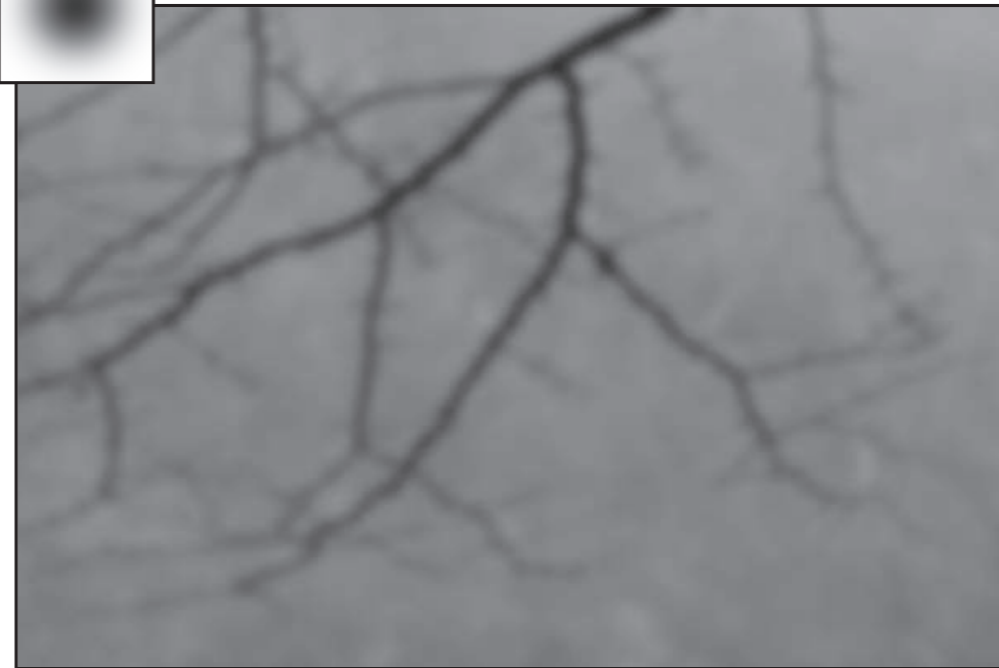
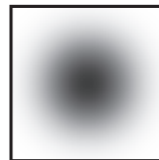
box blur



linear blur



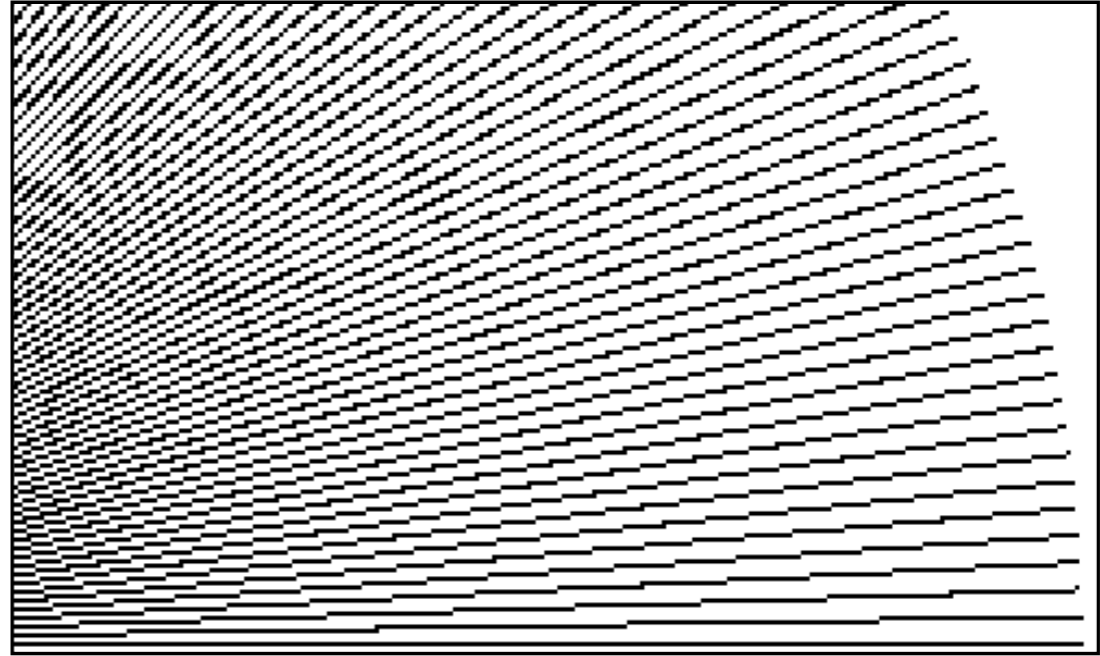
Gaussian blur



$$I_{sharp} = (1 - \alpha)I + \alpha(I \star f_{g,\sigma})$$



$$I_{sharp} = (1 + \alpha)I - \alpha(I \star f_{g,\sigma})$$

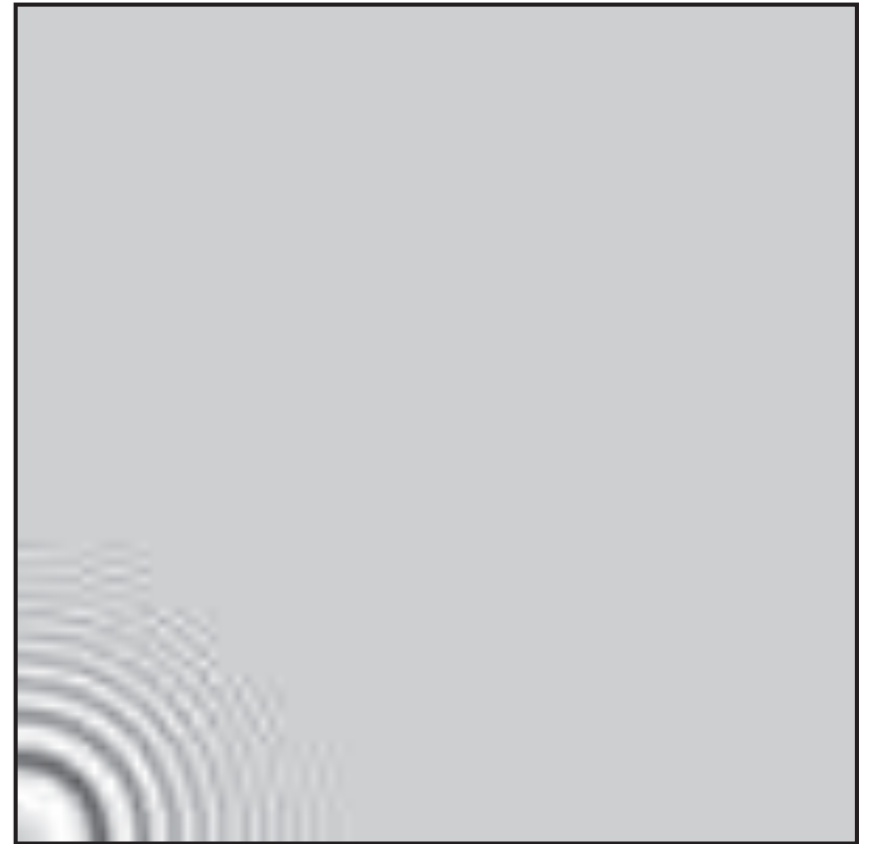




box



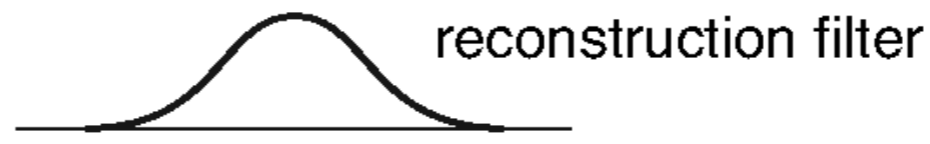
tent



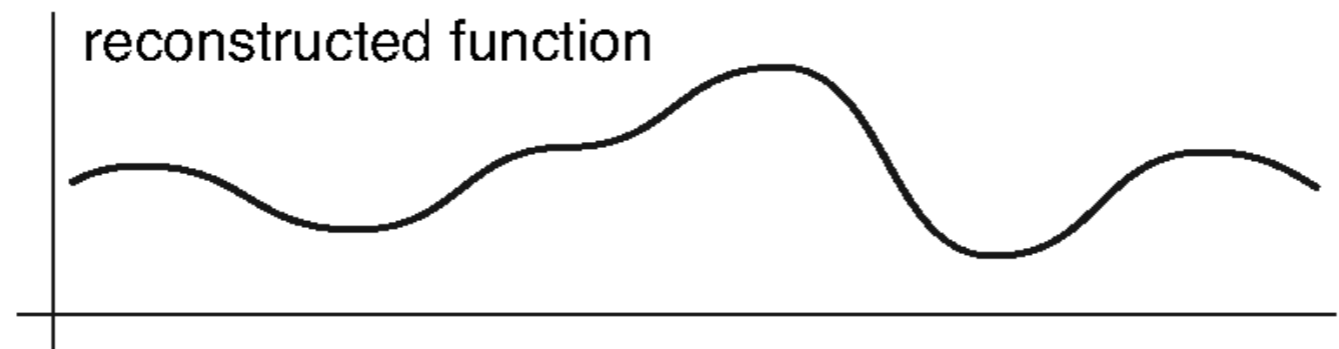
B-spline



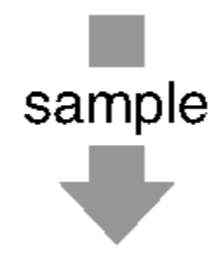
★



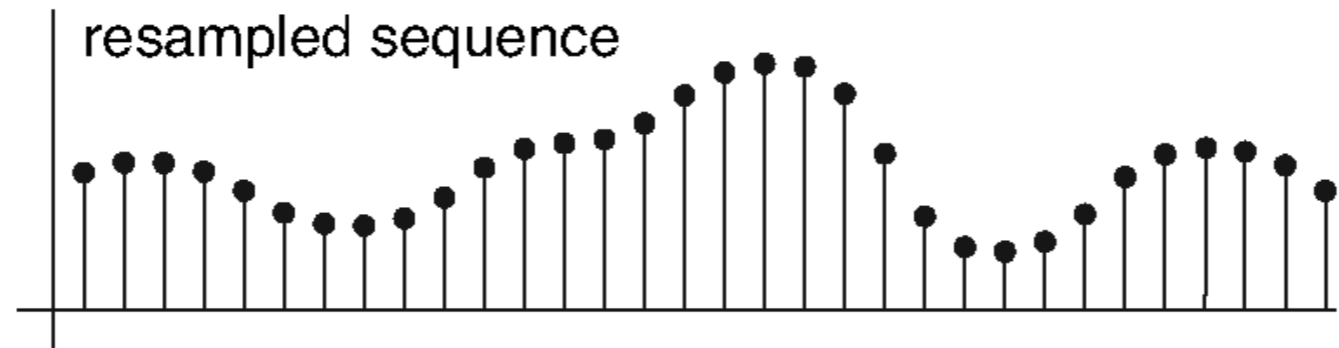
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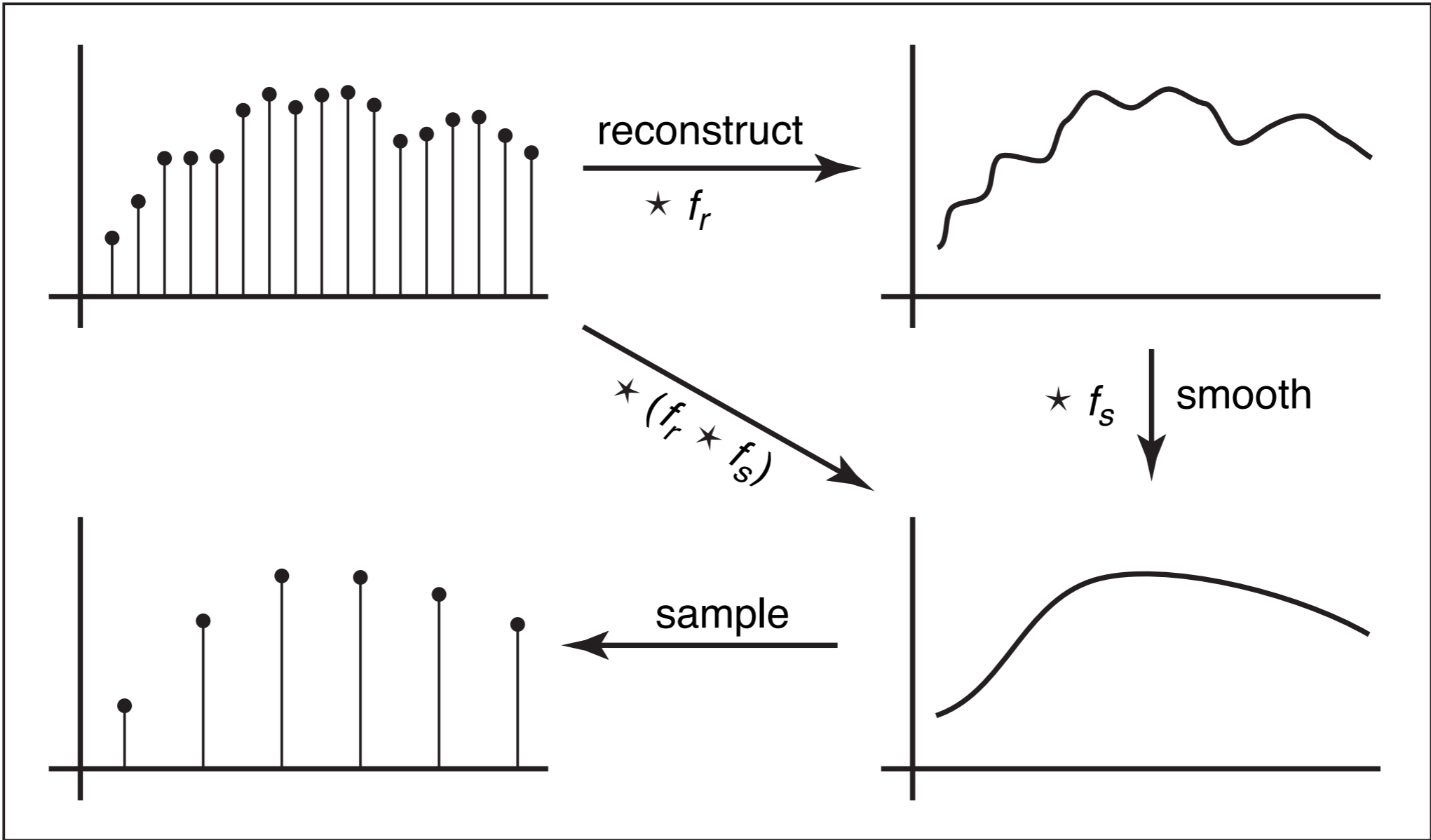


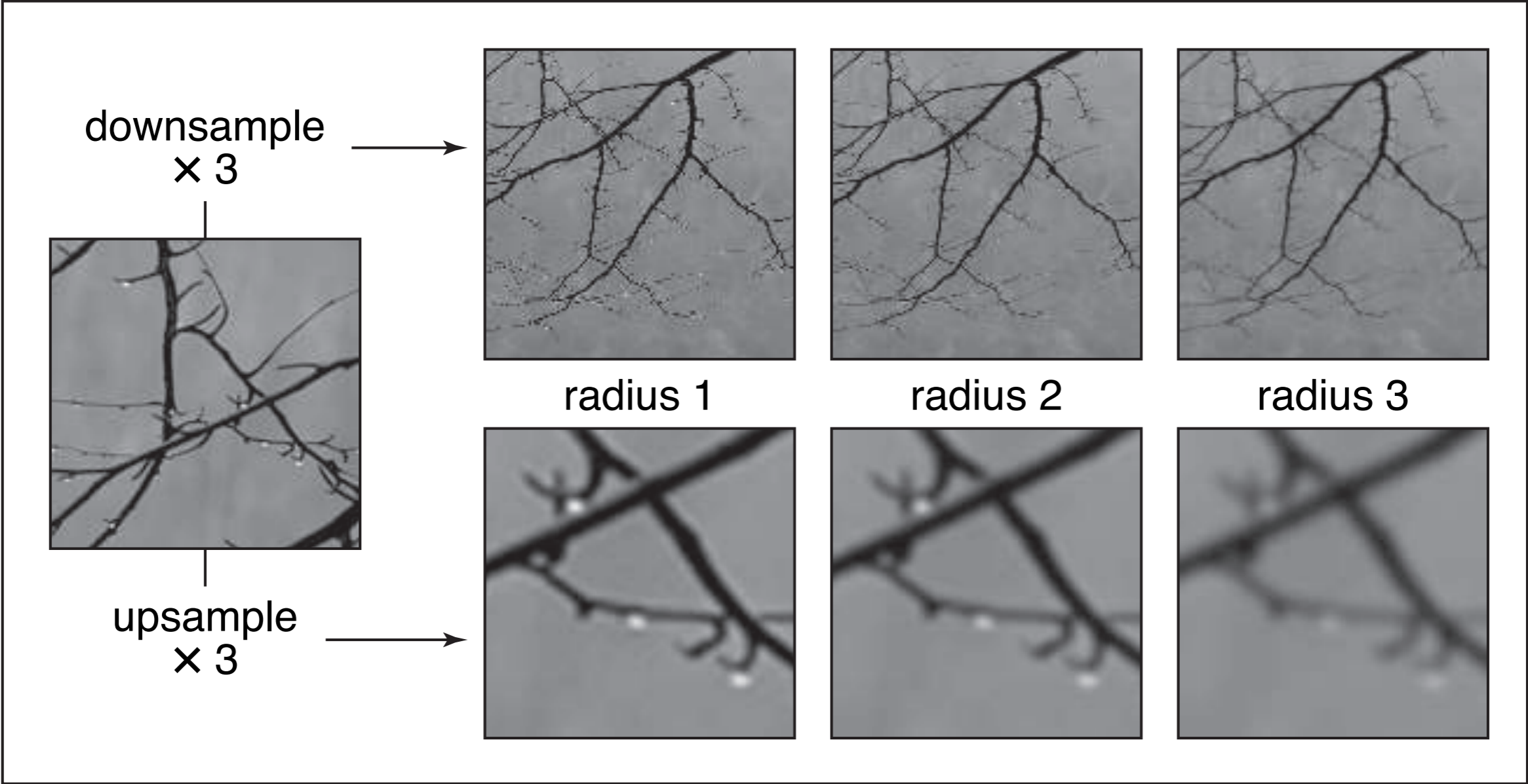
sample

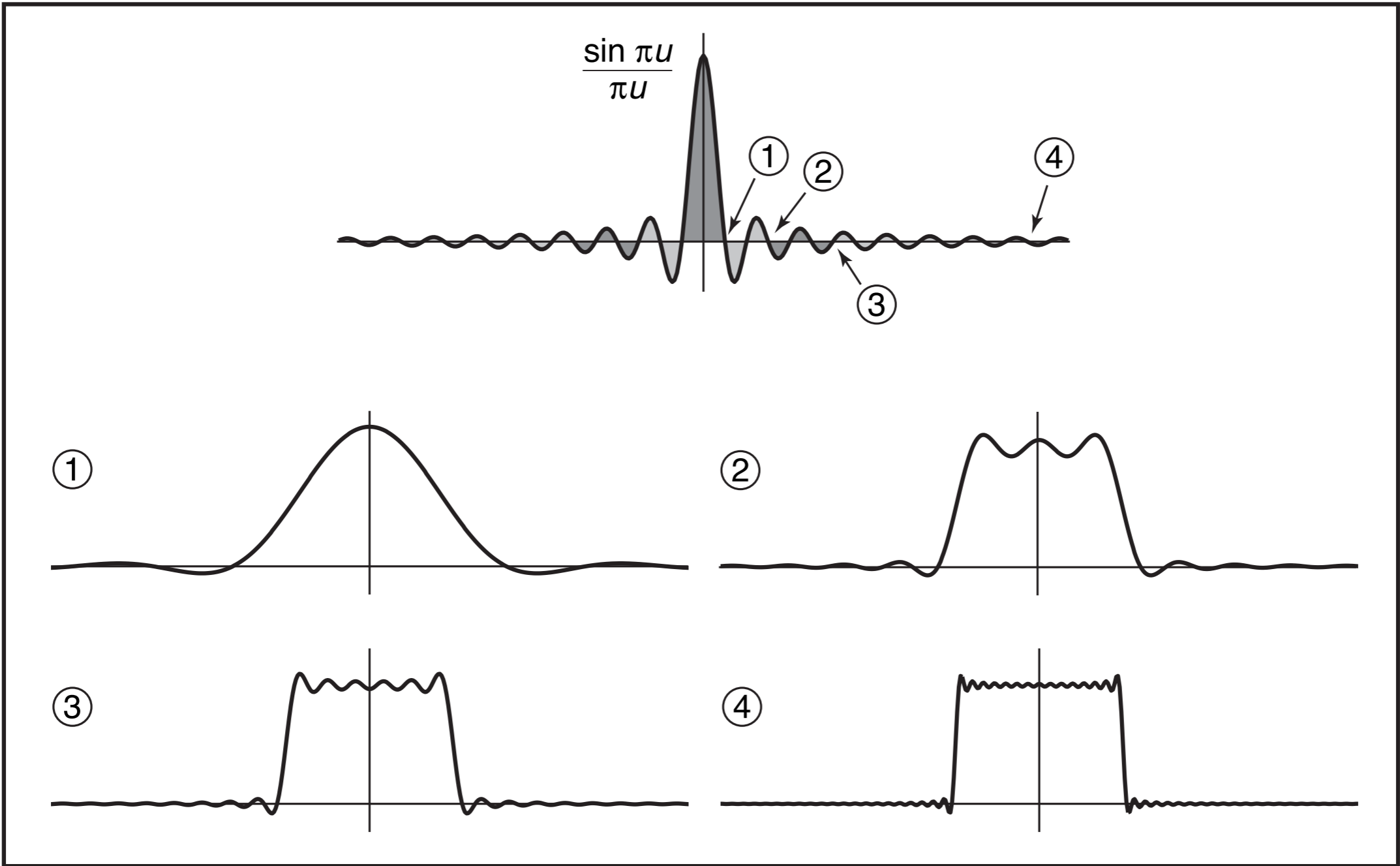


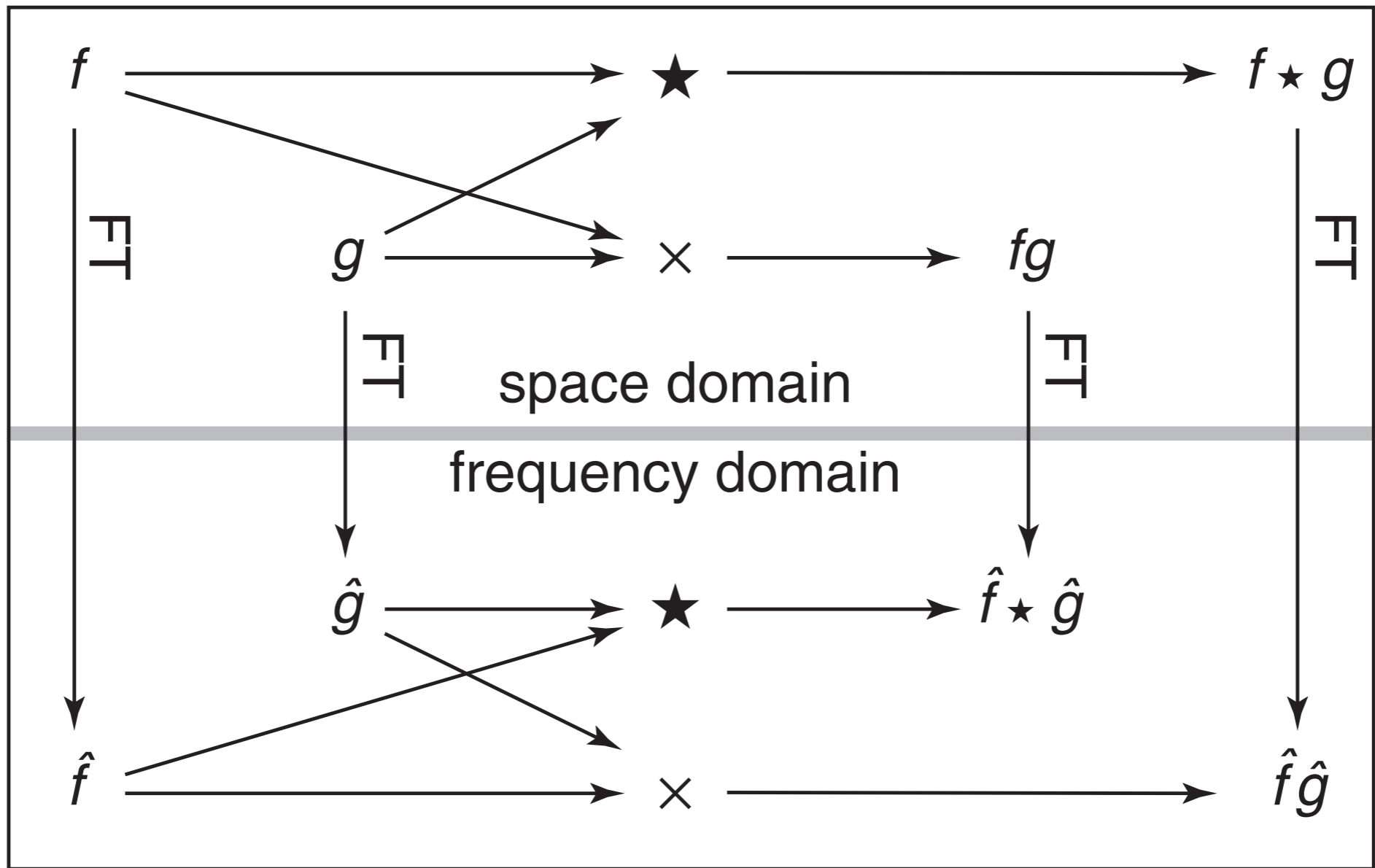
A downward-pointing arrow with the word "sample" written above it, indicating the process of sampling the reconstructed function.

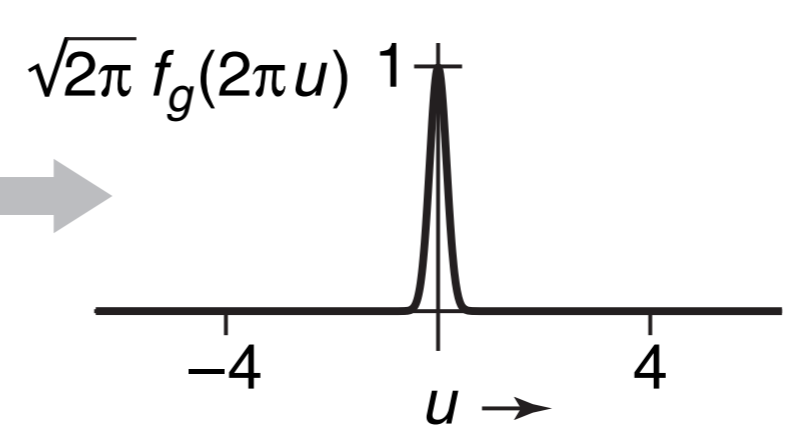
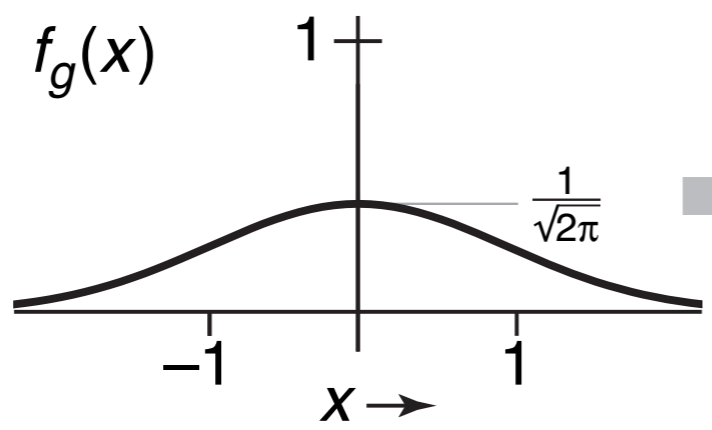
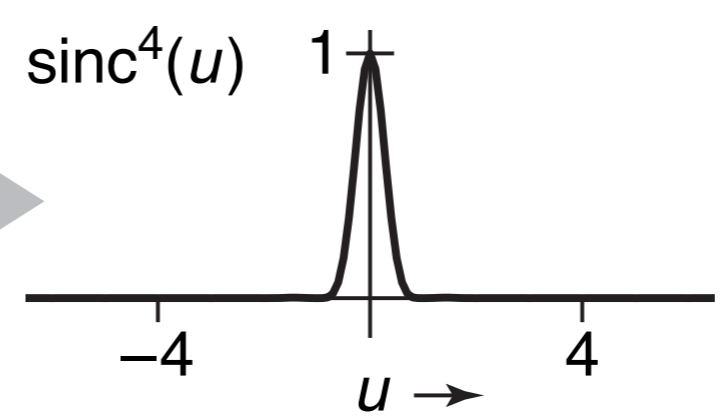
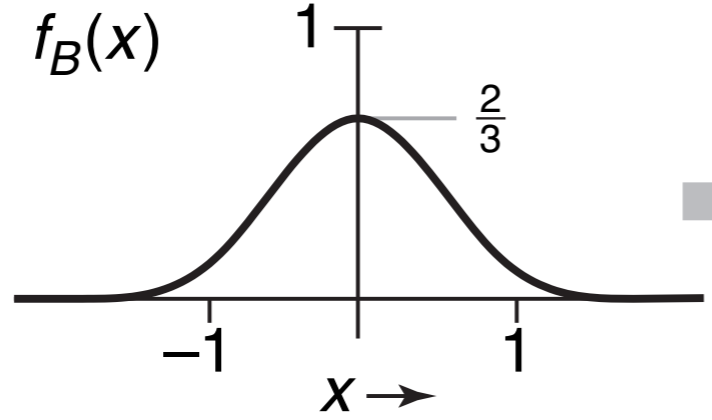
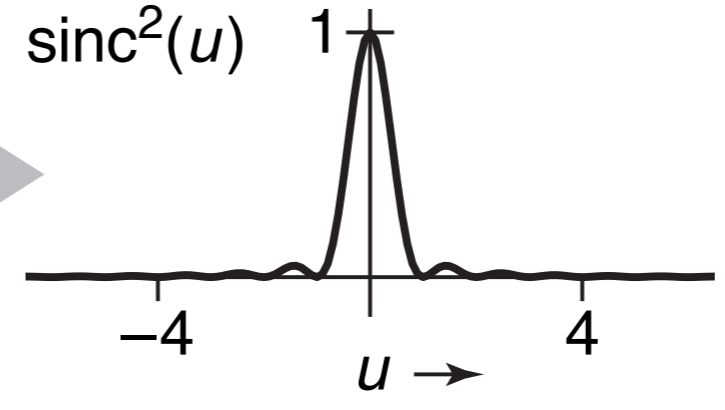
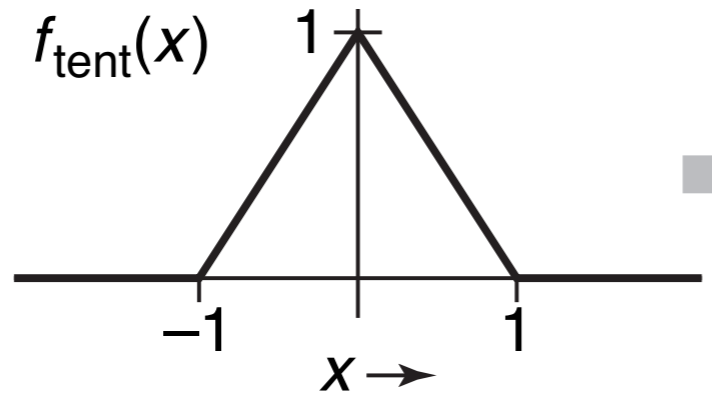
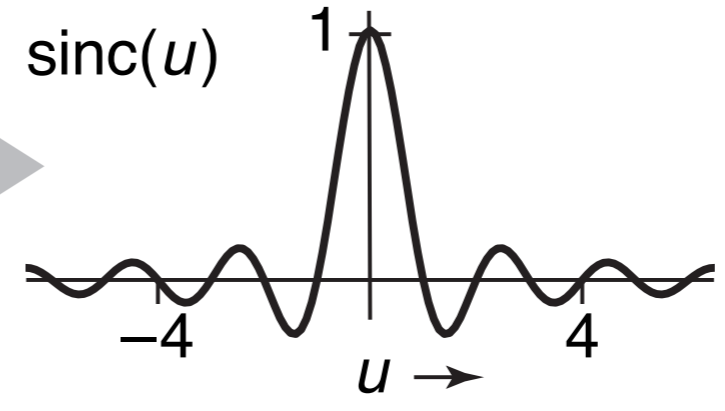
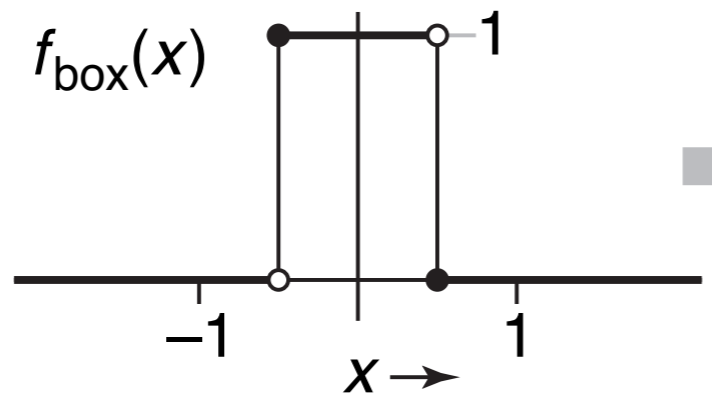


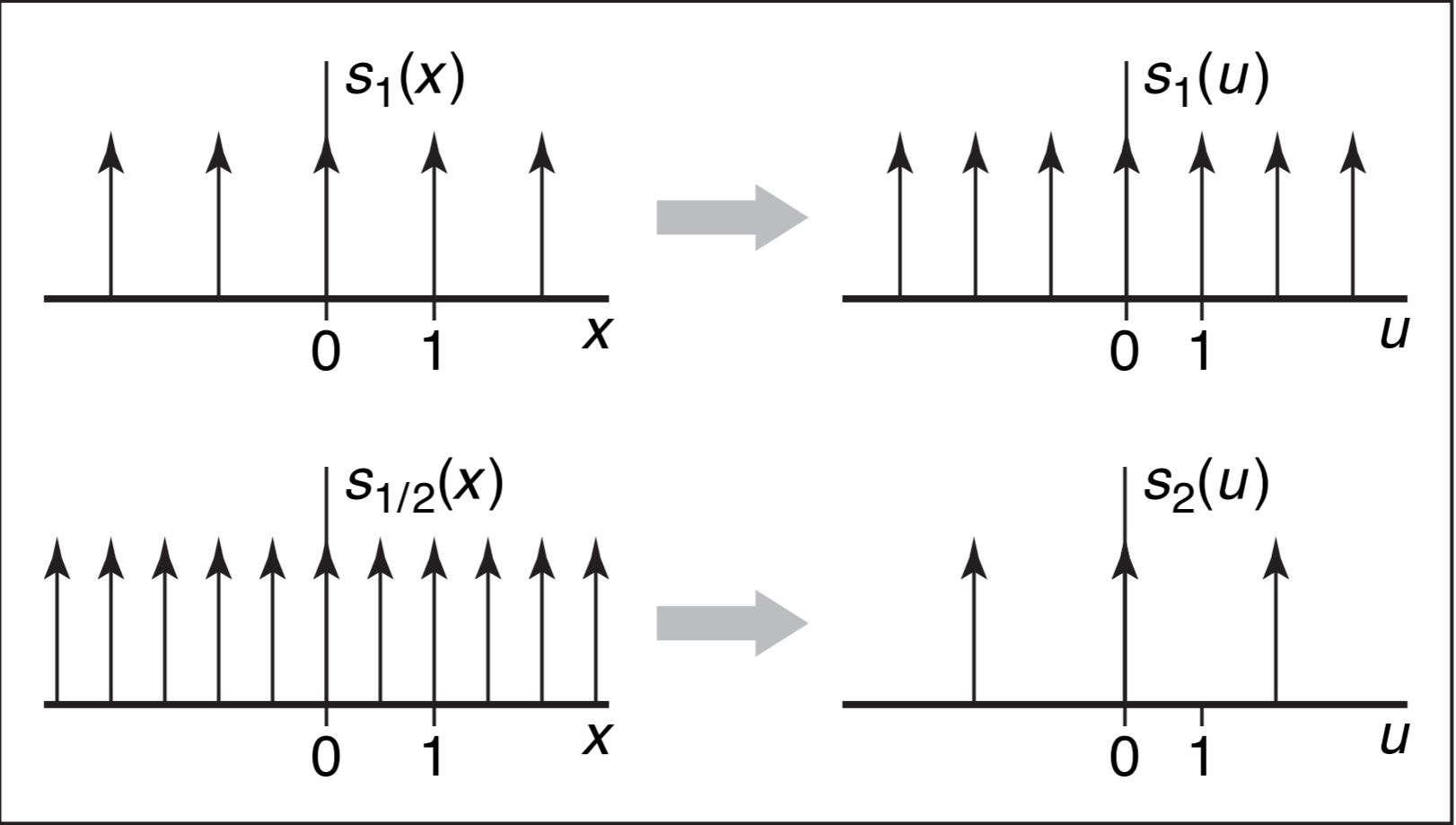




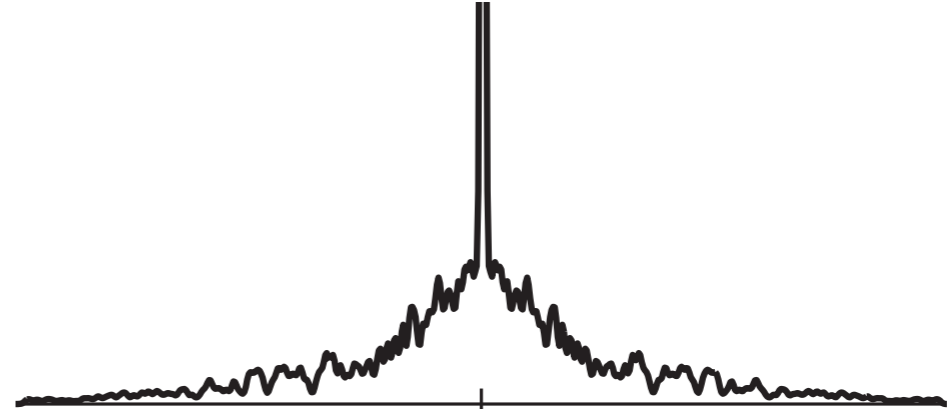
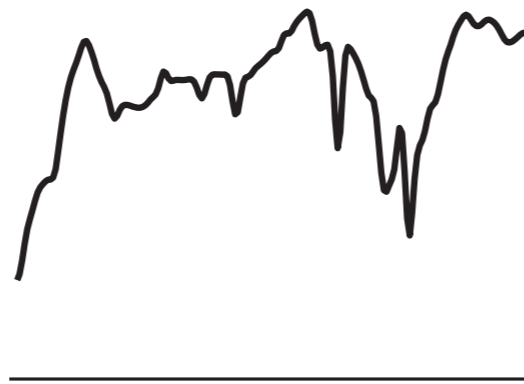
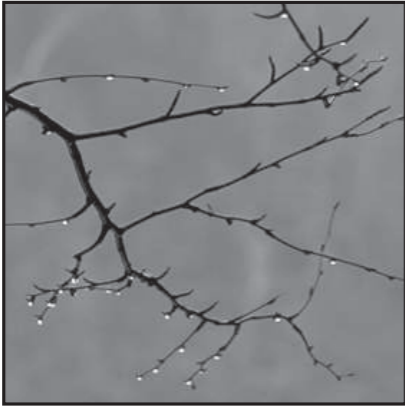




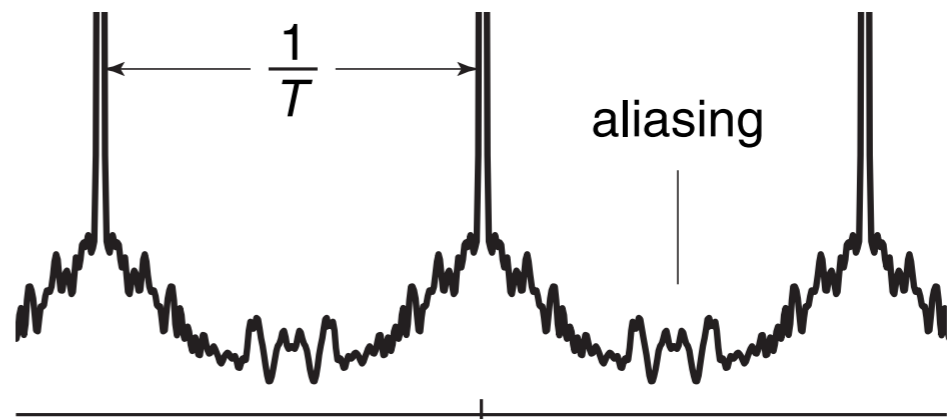
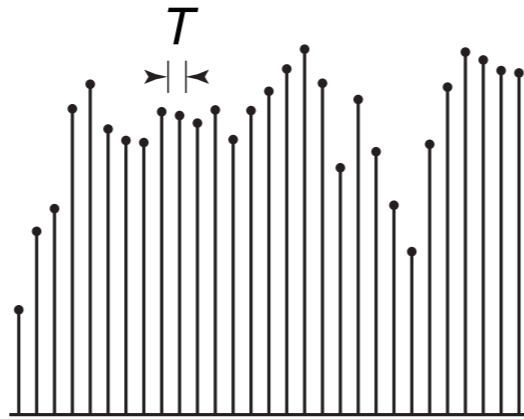
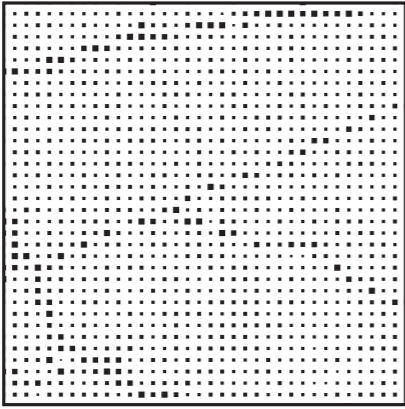




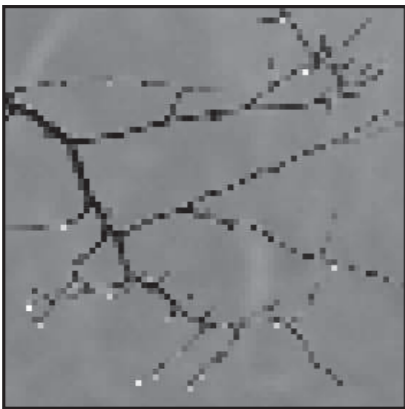
original



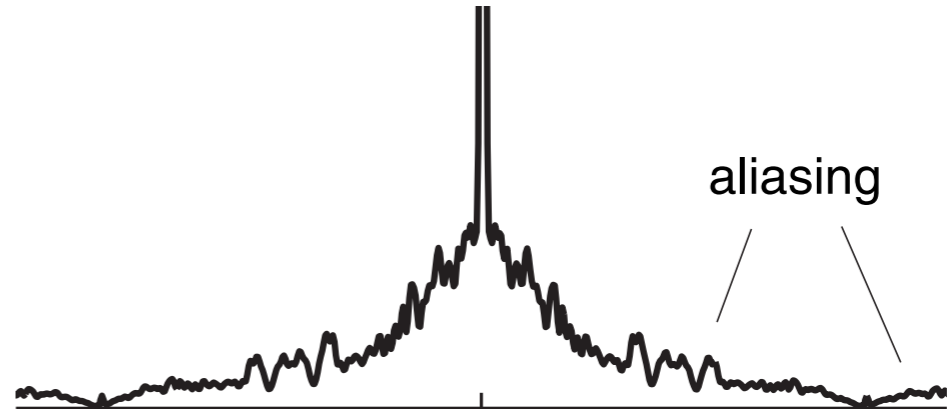
sampled



reconstructed



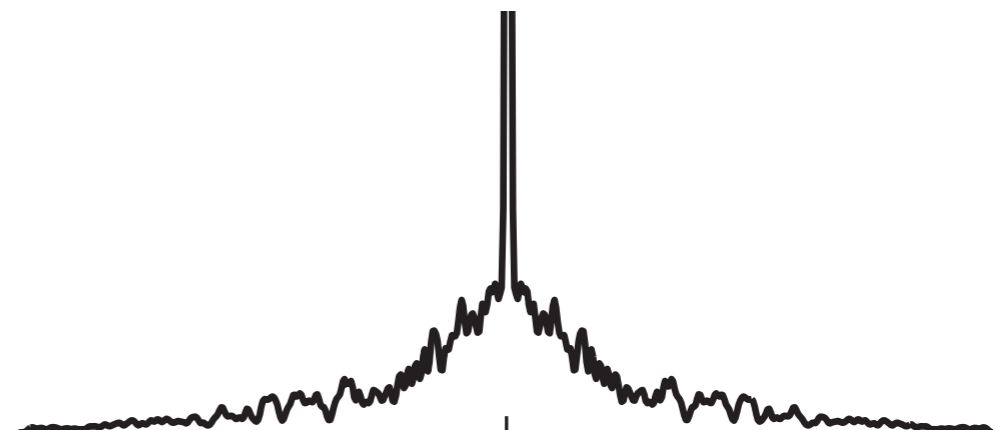
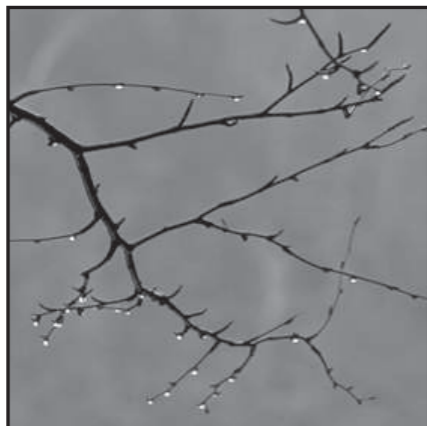
$x \rightarrow$



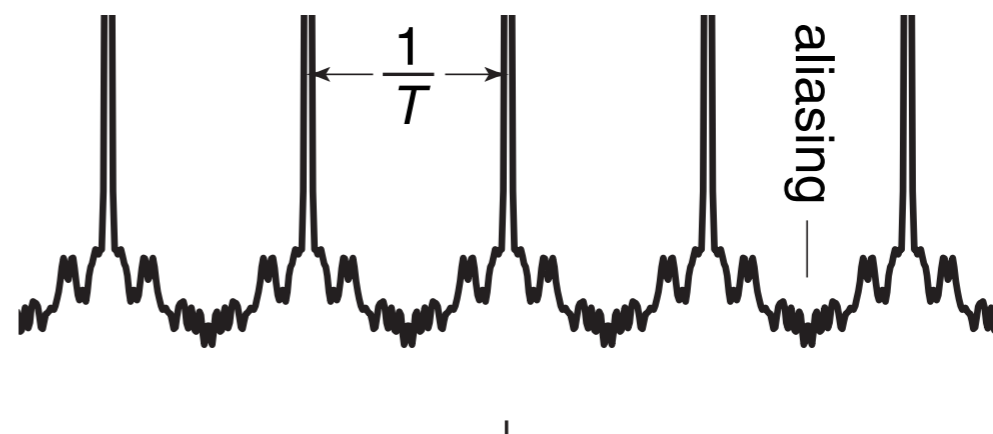
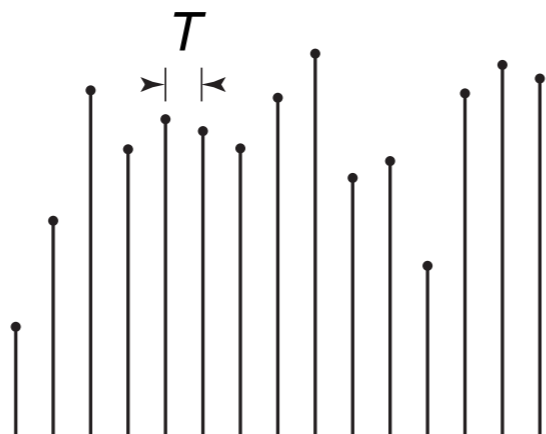
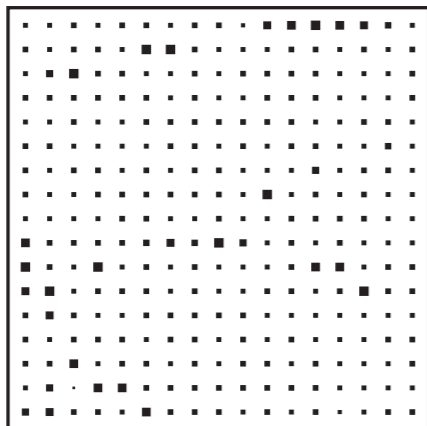
0

$u \rightarrow$

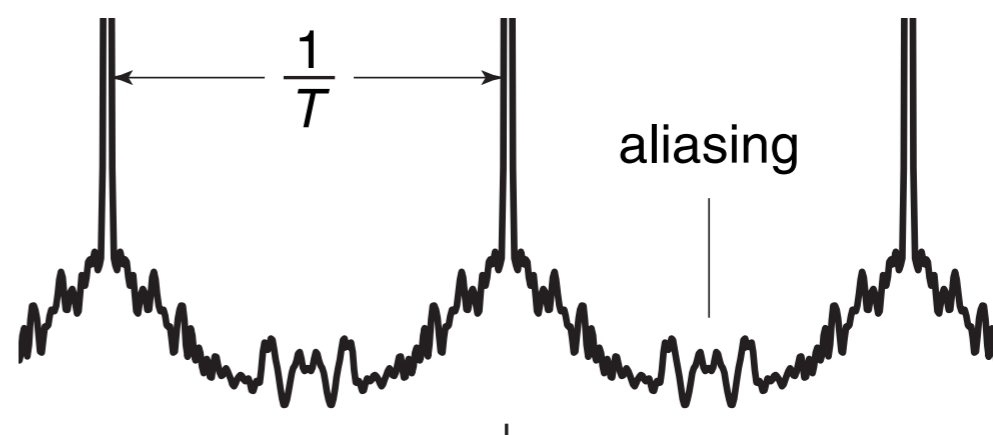
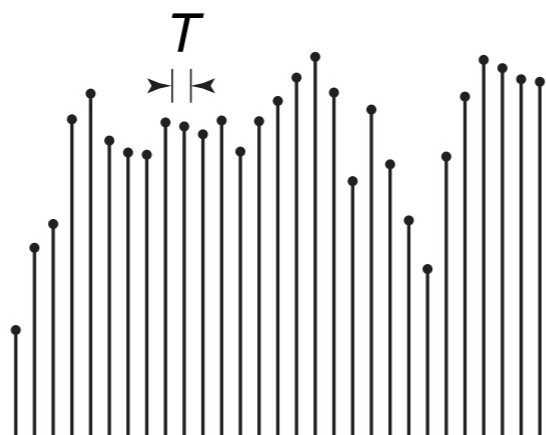
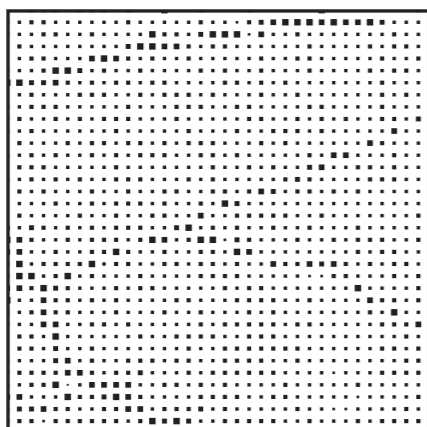
original



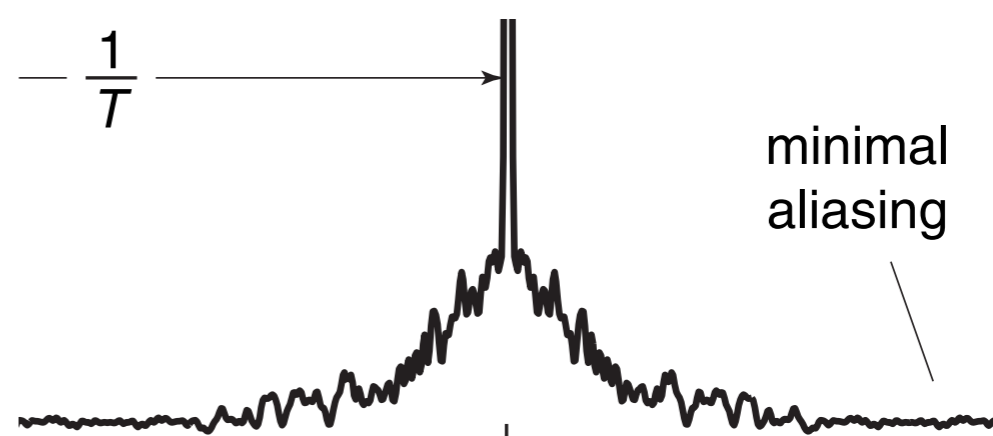
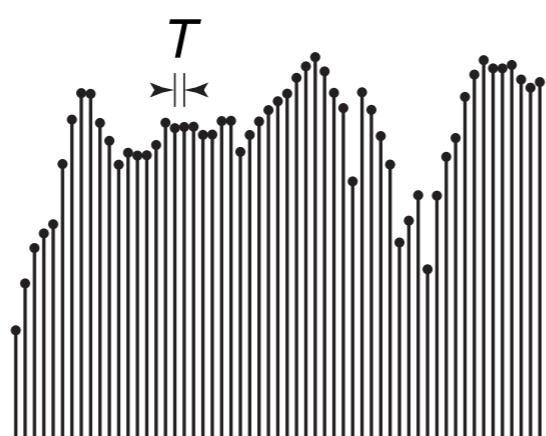
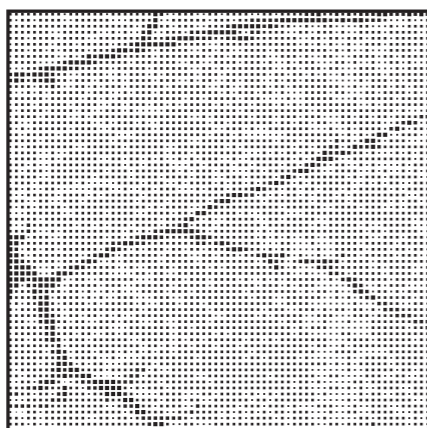
sampled



sampled x 2

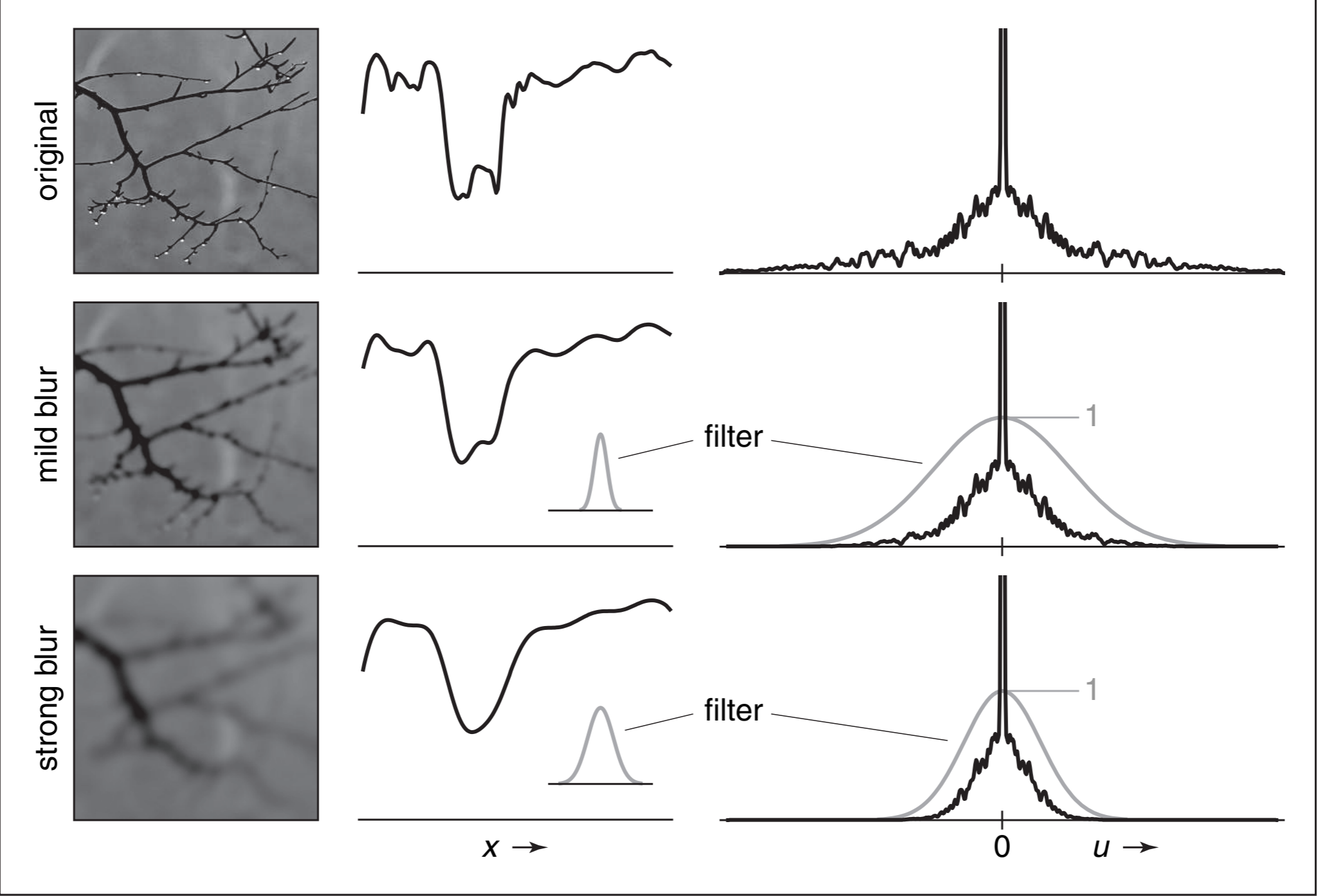


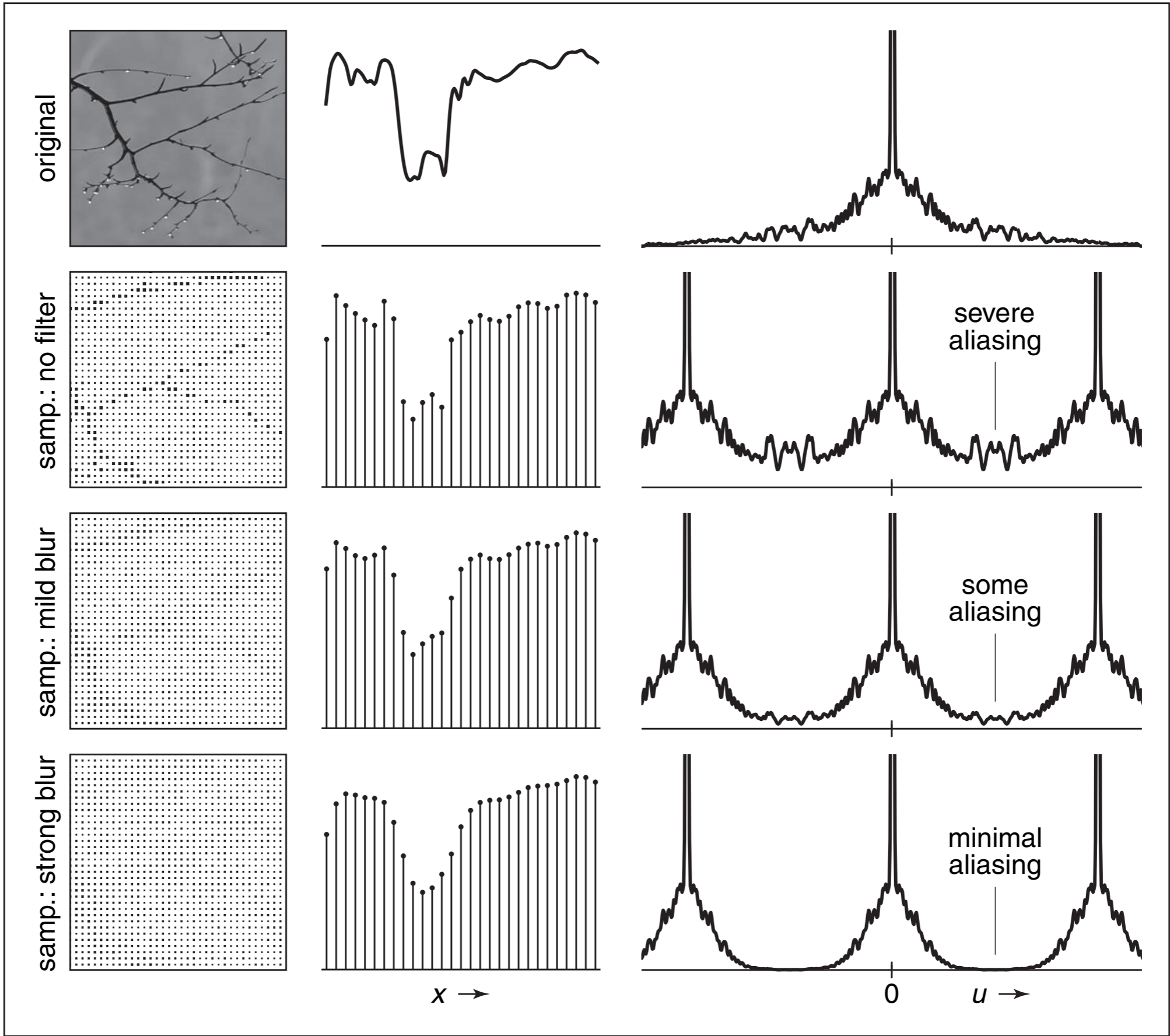
sampled x 4

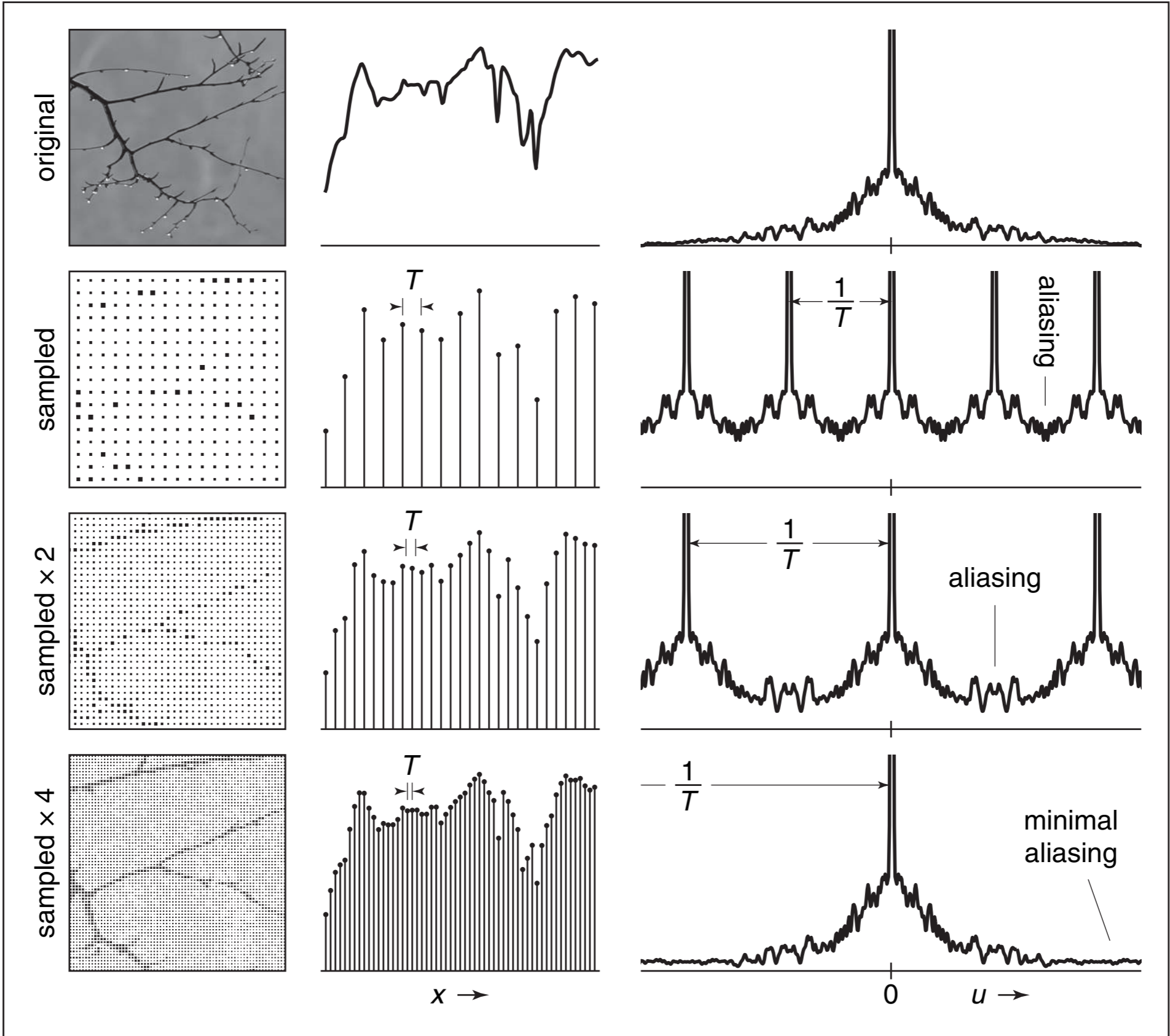


$x \rightarrow$

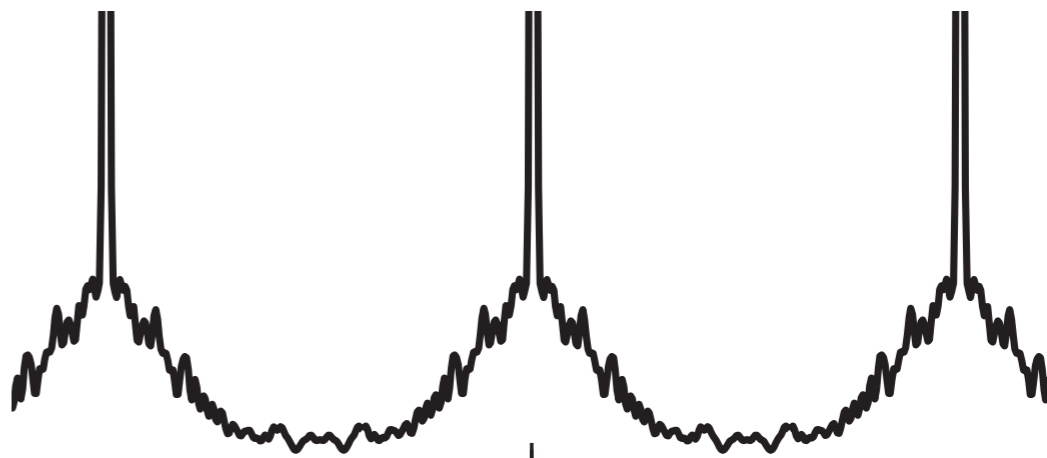
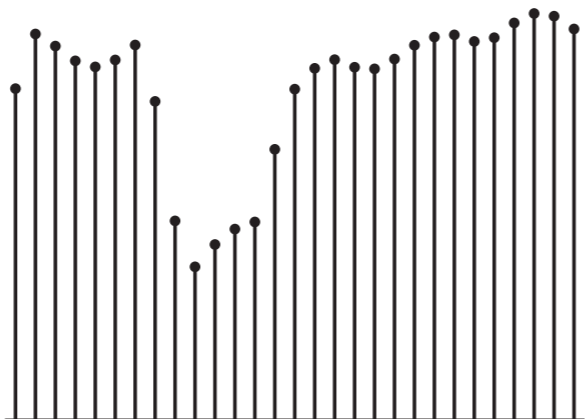
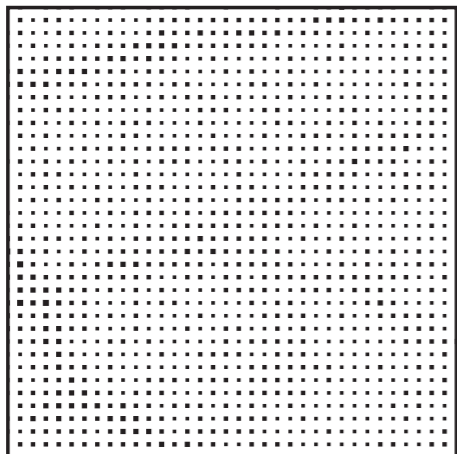
$u \rightarrow$



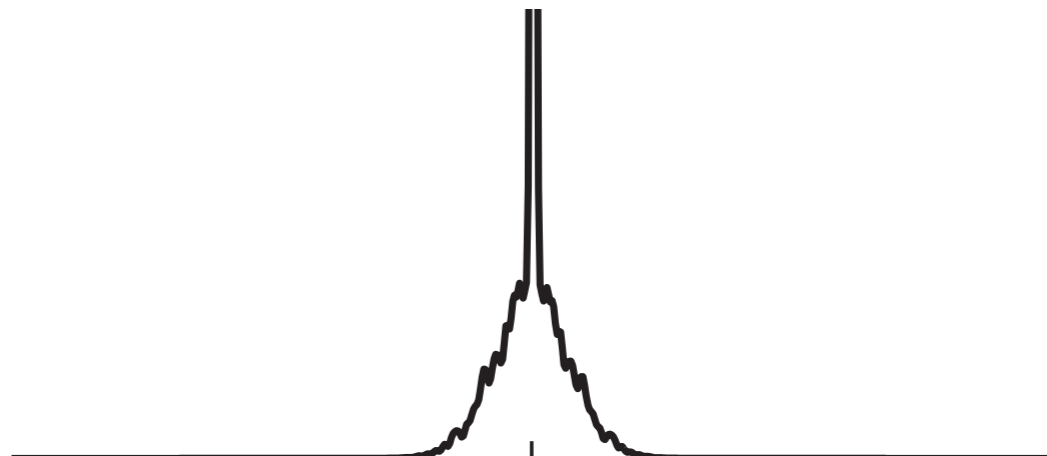
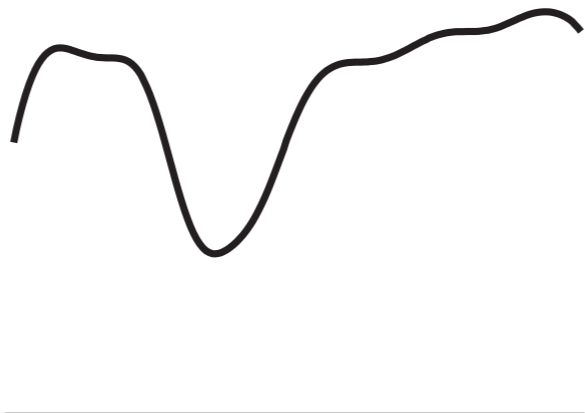




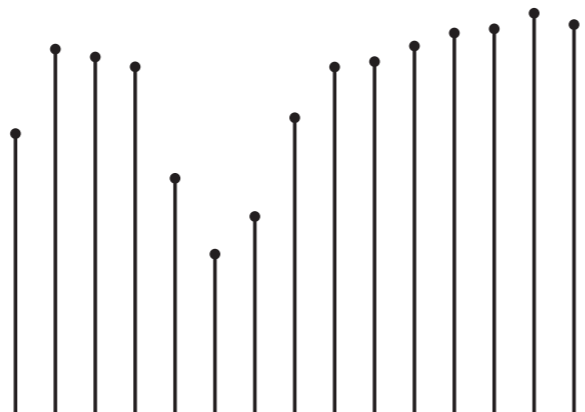
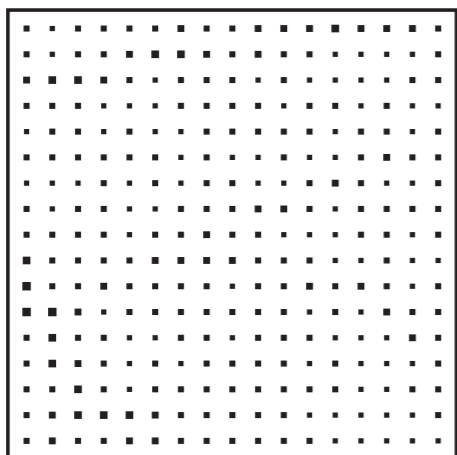
original



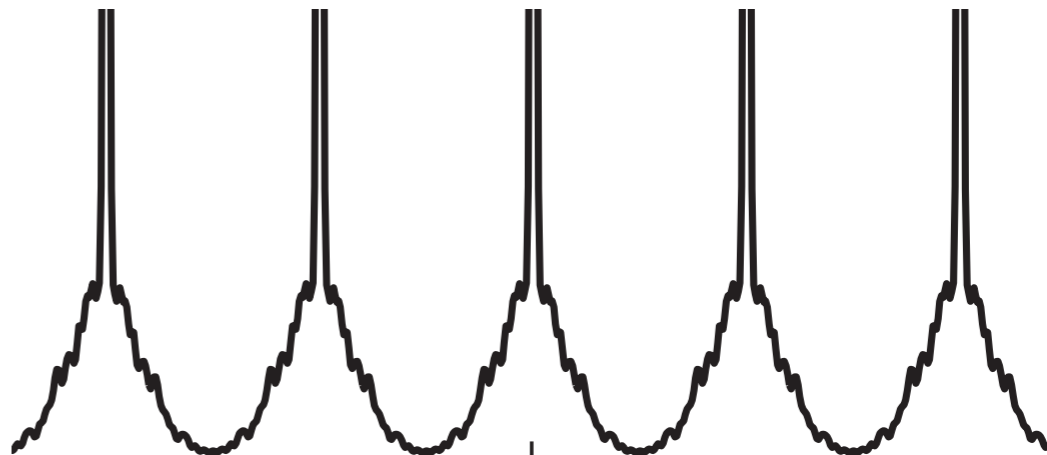
reconstructed



resampled



$x \rightarrow$



0

$u \rightarrow$