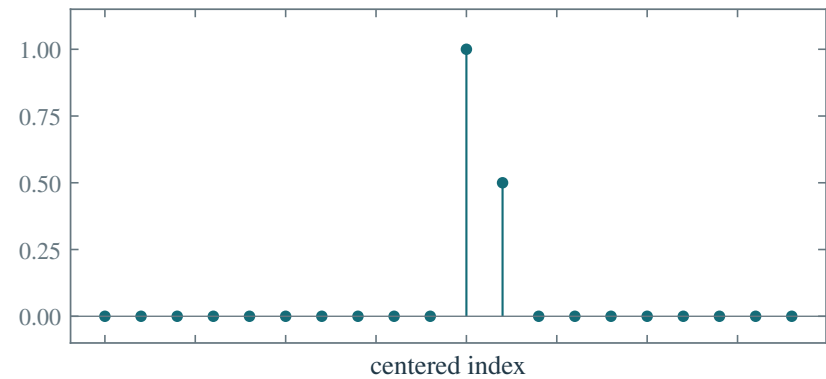
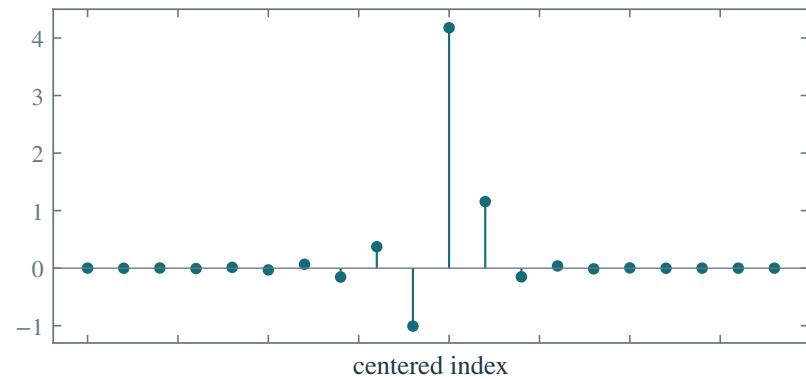
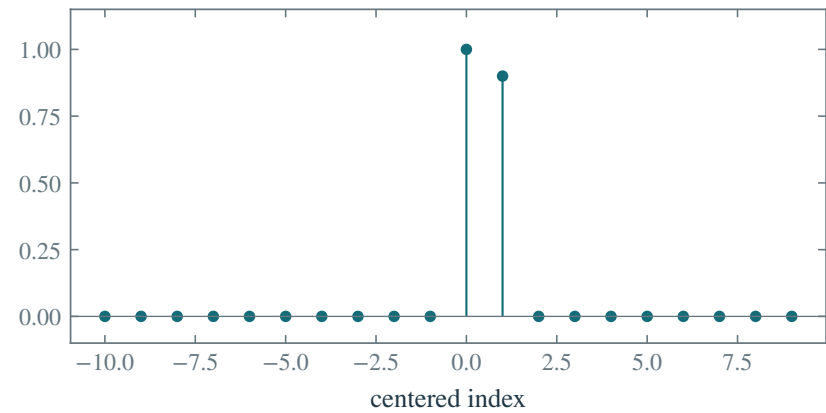


Input: $a = 0.5$ Orthogonalized: $a = 0.5$ Input: $a = 0.9$ Orthogonalized: $a = 0.9$ 