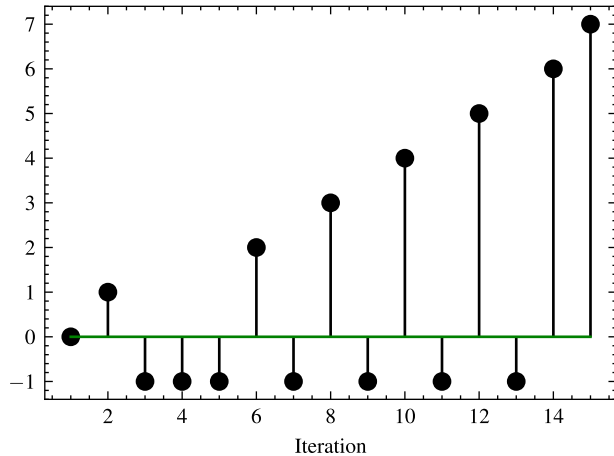Received value at receiver for a linear message

Receiver for $p_1 = 0.3$

Receiver for $p_2 = 0.3$