$0 \leq i < n_2 - k$
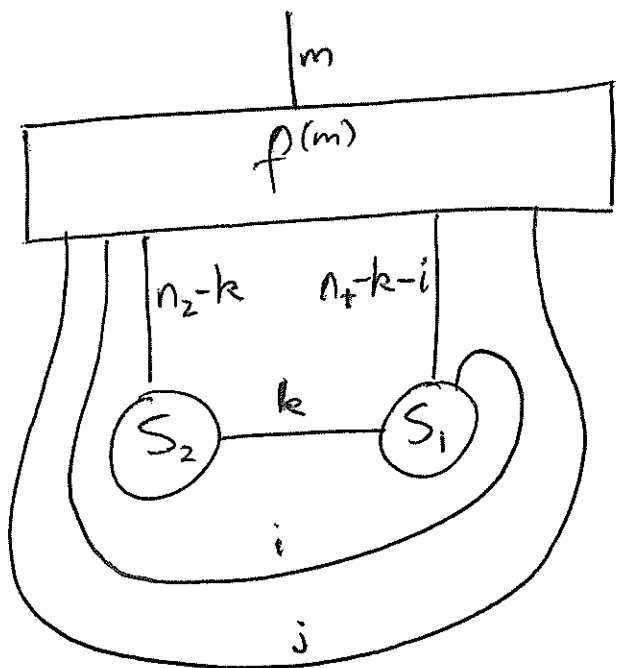

$0 \leq i < n_1 - k$