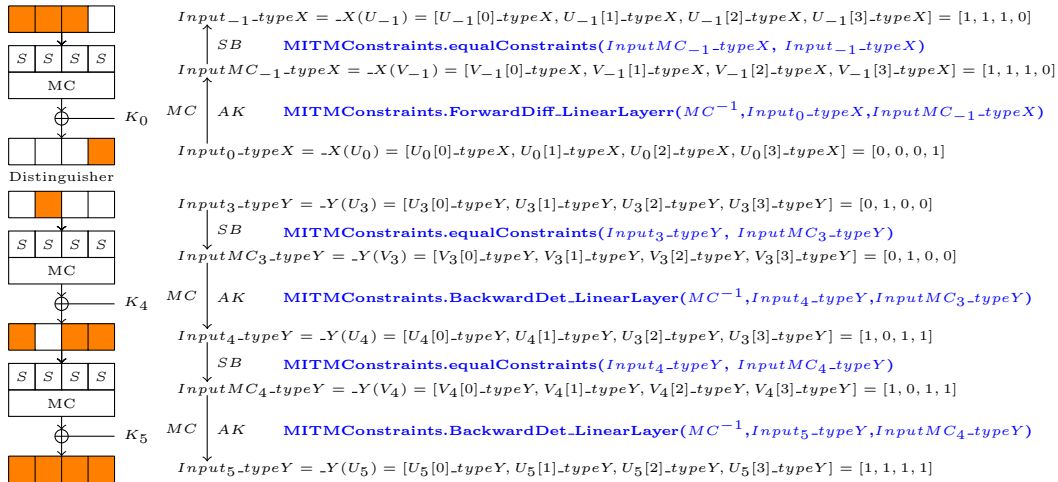


Backward differential(similar to forward differential) and forward determination(similar to backward determination)

Values of $K_{-1}[0, 1, 2]$ are also enough to construct a plaintext structure which will be a δ -set for the distinguisher with $U_0[3]$ active, where K_{-1} is the white key.

Values of $P(U_0[0, 1, 2])$ are enough to construct a plaintext structure which will be a δ -set for the distinguisher with $U_0[3]$ active.



Values of $P(U_4[0, 2, 3], U_3[1])$ are enough to compute the difference of $U_3[1]$ from ciphertext.

Values of $MC^{-1}(K_5)[0, 2, 3], MC^{-1}(K_4)[1]$ are enough to compute the difference of $U_3[1]$ from ciphertext.