

$A_0 = LLL$

$B_c = 3$

$T_i = LLRR$

$L = [0, 3] : LLRR = TFFF$

$u = [3] : R = T$

$A_0 = LLR$

$B_c = 2$

$T_i = LLRL$

$L_1 = [0, 2] : LLR = TFF$

$u_1 = [2, 3] : RL = TF$

$A_0 = LLR$

$B_c = 2$

$T_i = LRLRL$

$L = [0, 2] : LRR = TFF$

$u_1 = [2, 3] : RL = TF$

$A_0 = L, L, L$

$B_c = 3$

$T_i = LLLR$

$L = [0, 3] : LLLR = TFFF$

$u = [3] : R = T$

$F = 2, 0$

$LL$

$LR$

$F = 2, 3$

$LR$

$F = 3, 1$

$LR$

$A_0 = LRR$

$B_c = 1$

$T_i = LRLRL$

$L = [0, 1] : LR = TFF$

$u = [1, 3] : RRL = TFF$

$A_0 = RRR$

$B_c = 0$

$T_i = RLLL$

$L = [0, 3] : R = F$

$u_1 = [0, 3] : RLLL = TFFF$

$F = 3, 1$

$A_0 = RRR$

$B_c = 0$

$T_i = RRLRL$

$L = [0] : R = F$

$u_1 = [0, 3] : RRLRL = TFFF$

$F = 0, 2$

$A_0 = LRR$

$B_c = 1$

$T_i = LRLRL$

$L = [0, 1] : LR = TFF$

$u = [1, 3] : RRL = TFF$

$F = 3, 1$

$F = 1, 2$

$A_0 = RLL$

$B_c = 0, 1$

$T_i = RLLR$

$L = [1, 3] : LLLR = TFF$

$u = [0, 1] : RL = TF$

$F = 3, 1$

$A_0 = RRL$

$B_c = 0, 2$

$T_i = RLLR$

$L = [2, 3] : LRL = TFF$

$u = [0, 2] : RLL = TFF$

$F = 3, 1$

$F = 0, 1$

$A_0 = q P_0 P_1$

$0 < i < m$

$B_c$  : Break calculation

$T_i$  :  $q P_i P_{i+1}$

$F$  : Lower-, Upper