A_S 0001001000100001000010100001	00000011110000100101100001100100	100000000000000000000000000000000000000
B_S 01110100000101000010000101100011	00011100010000001011000000011100	100000000000000000000000000000000000000
n_S		
S_S \(10000110001110000100001010100100	0001111100000010000100001110000	000000000000000000000000000000000000000
ut_S i		