Value of (i,j)	Containment of f(i,j)	Resulting value of (i,j)
Value(i,j)=1	f(i,j) in set S	Value(i,j) = 1
Value(i,j)=1	f(i,j) not in set S	Value(i,j) = 0
Value(i,j)=0	f(i,j) in set B	Value(i,j) = 1
Value(i,j)=0	f(i,j) not in set B	Value(i,j) = 0