$$SBAfolo P(b=1|\bar{b}=0) + P(b=6|\bar{b}=1) = 0.75$$

$$G(0.570) P(b=1|\bar{b}=1) + P(b=6|\bar{b}=1) = 0.75$$

$$\leq |1-2\cdot 0|^2 \leq |0|6$$

Problem 1
$$P(b=1|b=1) + P(b=0|b=0) = 0.8$$

1.1) Consider a security mechanism M which can be distinguished from its ideal counterpart M by a distinguish

- 1.1) Consider a security mechanism M which can be distinguished from its ideal counterpart M by a distinguisher D with the following probabilities
 - \bullet D correctly identifies M with probability 0.8
 - D correctly identifies M^* with probability 0.25

Can you find an upper bound to the unconditional security level of M in terms of distinguishability?

Can you find a lawar haund?