To prove! four queen messages mo and m, and some energythen c of one of the roundom messages, quessing the individual message should not be possible

.... P[Acc) == b| c & 8) \(\pmu\)

She the set of queries made by the addressery of

Grood:

Asserting, MAC is secured

A eur scheme is CPA-Secure,

-- oue construction retuents decemptron if the decempted nursely like tay are valid nursely tay pais.

.: MAC'n secure, > Pr(: vojy < m, t>) = 1/m 48) \le my(1n)

7 : Since, this males the ciphestert,

P[valid Bruey] = nyl(n).

Suce over energetien is CPA secure,
any CPA attack shouldn't work
outris.

: P[Acc) == b| c = 8] \(\) my(cn)

Henry provid