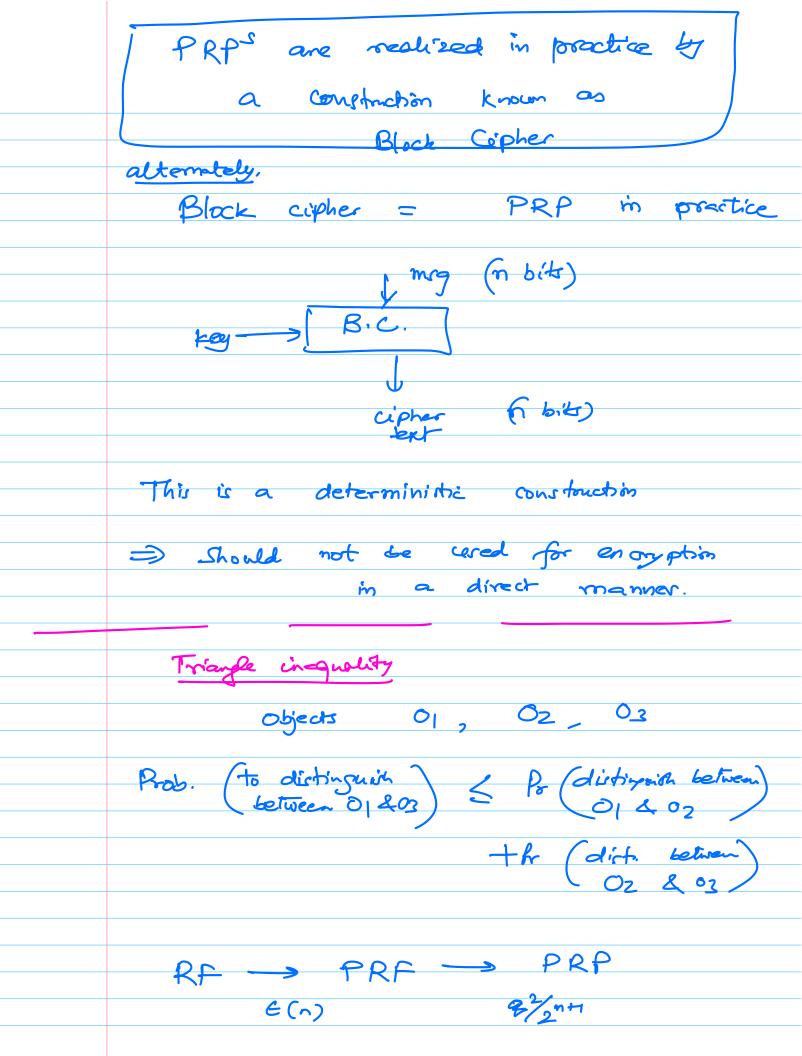
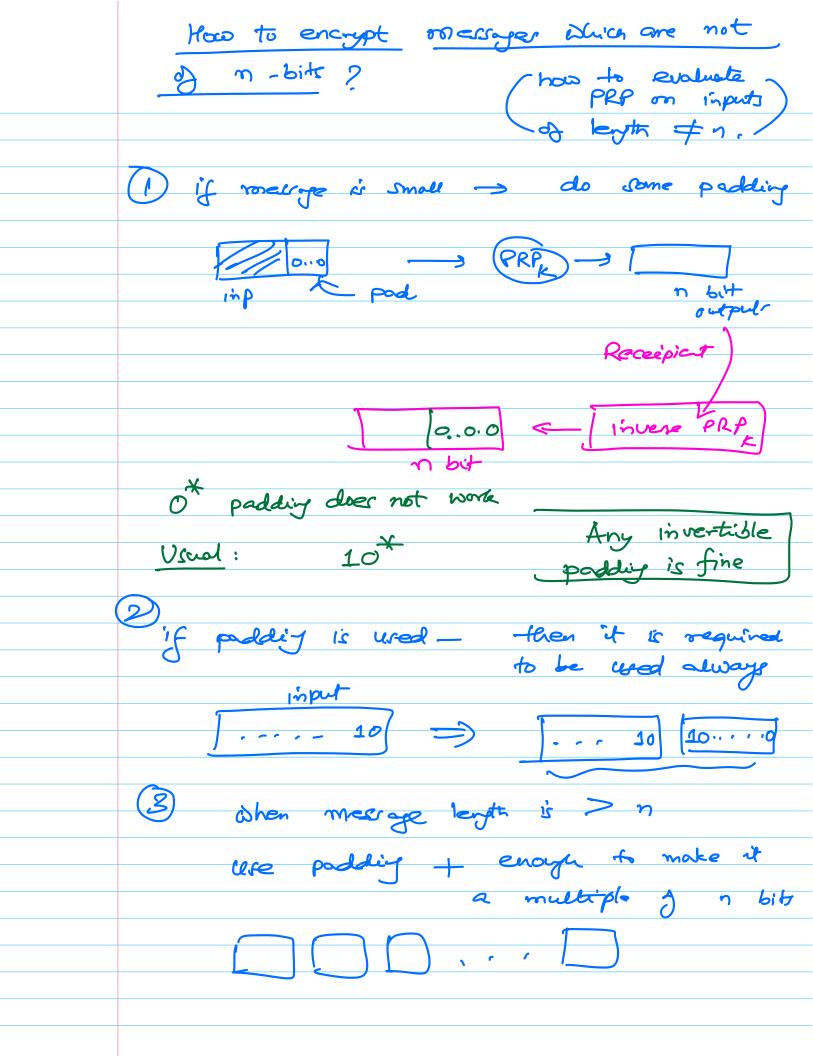


Suppose challeger has 9 querier, what is the pr. that the challeger distinguisher?
what happen is a query is repeated?
- Bacouse answer are consistent, challeger descrit Lenefit
- hence all queries should be distinct (to benefit
Colvi tass: (Fi'x one of these or two)
$\frac{1}{2} \int_{\mathbb{R}^{2}} f(2)$
Challeyer
prof (distinguishing) = Pr of two gueries outputs colliding)
PRP-PRF switchy lemma:
Prodistriquish a PRP (22 - 22 - 22 - 22 - 22 - 22 - 22 - 22
Out of 2 queries \rightarrow $2 \times 2 $
if 2 = poly (m) then \le negl (m)





Blocks of dizer n-bitt will be processed by a block cipher Mode of aperation method for domain extension of a black eigher ECB (Electronic Code Book) Reordering ciphetent -> reordery of plantert Penguin ECB perguin Masterkey -> session keys, session key, used in positive

