Labs. Yuxuan Zhang $= COU(X_{2}, X_{1}).$ 2 = E[(X-E(X)) (X-- PE(XXT-X (ECX)) T- P(X) X

COUCY) = EE(AX-E(AX))(AX-EAX) = ET(AX-AE(X))(AX-AB(X))77 = AE[(X-ECX)(X-ECX))]AT = A ZAT. 01-4= We knav So the magnitude of MAM depends on cos, when O=0, cosO=1, dutAmis Wen 8=90, CASO=0. for within 30. B B has to be o or acutes