Show - JeAt = tradt Assume A is diagonalizable. V is matrix where when of Vaso exercites of A -> V'AV = (2, -- o) where 2, is eigenvalue of A tr(A)t= tr(P(2,0))t= (2,+...+...2)t ent = P(eit. O) p' -> det (ent) = detth-dettp) [elithant] -- trant= leAt Even if A is not diagonalizable, the jorder form of A is A = |21 and et = [et x 0] -- eAt = QeAt Q' -> 1eAt | = 121-1eAt | 12t (:(Q')= 101 eAt = 10 A+1 = (21++ 12++... Lnt) te(A) = 5, 20 -> tx(A) t= 2, t+2, t+...2nt etrapt east + let + o. let) :- 12 At 1 = etr(A) t