Proof: Suppose A = PDP = PDP is orthogonally diagonizable	e.
Then AT = (PDPT) = (PDPT)	
$=(p^{\intercal})^{\intercal}D^{\intercal}P^{\intercal}$	
= PDPT (:D'is diagonal metrico)	
- A	
3) AT = * 3 A's symmetrie	
(Neelgagan)	