

























Example: Fisher Separation  

$$OA: 6,000 = Y_0 = initial wealth (endowment)
OB: 5,500 = T_0 (L+C) = max consumption who feal inv.
CA: 2,000 =  $I_0^* = optimul investment$   
OD: 4,000 =  $X_1^* = case flow from optimal investment$   
CE: 3,636 = PU of  $X_1^* = \frac{X_1^*}{1 \times 5}$   
OE: 6,636 = W_0^* =  $X_0^* + \frac{X_1^*}{1 \times 5}$   
OE: 6,636 = W_0^* =  $X_0^* + \frac{X_1^*}{1 \times 5}$   
OF: 7,300 =  $W_0^*(L+C)$   
AE: 1,436 =  $NPV = \frac{X_1^*}{1 + c} - T_0^*$   
OF = 1,000 =  $C_0^*$   
GC = 2,000 =  $X_0^* - C_0^* = lending$   
OH = 6,200 =  $C_1^*$   
DH = 2,200 =  $(X_0 - C_0^*)(1+C)$   
ECON 422:Fisher$$

