$$S = \{ W_1 L_1 \ X = \{ x_1 - x \} \}$$

$$W(W, X) = 1 + 2x$$

$$W(L_1 X) = 2 + 2(1 - x) \}^{2}$$

$$S = \{ (1 - x) \}^{2}$$

$$S = U(S, X_{E}) - U(S, X_{E})$$

$$(if S > 0) = D \in SS$$

$$(if S > 0) = D (I, X_{E})$$

$$- U(V, X_{E}) - (I-V)U(I, X_{E})$$

$$- U(V, X_{E}) - (I-V)U(I, X_{E})$$

$$S = (V - V)(U(V, X_{E}) - U(I, X_{E}))$$

$$S = (V - V)(U(V, X_{E}) - U(I, X_{E}))$$

$$S = (V - V)(U(V, X_{E}) - U(I, X_{E}))$$

$$U(V, X_{E}) = I + 2 \times_{E} U$$

$$= I + 2 (V + E(V - V))$$

$$U(I, X_{E}) = 2 + 2 (I - X_{E})$$

$$= 2 + 2 (I - V + E(I-V - V))$$

$$5 - \left(\frac{3}{4} - N\right)\left(-4E\right) < 0$$
 $- \left(2 - N\right) + \left(-4E\right) < 0$