## (3) - MATEMATIKOKi: 5 max + Umin

$$S_{\text{max}} \Rightarrow \left\{ \left( \frac{\partial S}{\partial X} \right)_{0} = 0 ; \left( \frac{\partial^{2} S}{\partial X^{2}} \right)_{0} < 0 \right\} = 0$$

Umin 
$$\Rightarrow \left\{ \left( \frac{\partial \mathcal{U}}{\partial X} \right)_s = 0 ; \left( \frac{\partial \mathcal{U}}{\partial X^2} \right)_s > 0 \right\} \bigcirc$$

$$(i)$$
 -  $\textcircled{1} \Rightarrow \textcircled{2}$