雅丁)

|               | a    | 5    |
|---------------|------|------|
| A             | ٤, ٦ | -2,0 |
| $\mathcal{Z}$ | 1,1  | 0,4  |
|               |      |      |

1)

$$3 = a_1 + b_1(c)$$

$$-2 = b_1(d)$$

$$1 = b_1(c)$$

$$0 = a_1 + b_2(d)$$

$$3 = a_2 + b(c)$$

$$1 = b(c) = 0$$

$$1 = b(c) = 0$$

$$b_1(d) = 0$$

$$b_1(d) = 0$$

$$b_2(d) = 0$$

$$b_3(d) = 0$$

Koeficienty a, az, b, (sz) a bz (s.) splnýs transformacní rovnicí pro všedny užitky > hvy se ličí až na okraí transformaci.

2)

Strategie  $S_i$  je dominovelne strategit  $S_i$ :  $T_i$   $(S_i, S_2) < T_i$   $(S_1, S_2)$   $\forall S_2 \in \mathbb{Z}_2$ Re transformed.

 $a_{1}T_{1}(s_{1},s_{2}) + b_{1}(s_{2}) < c_{1}T_{1}(s_{1},s_{2}) + b_{2}(s_{2}) / c_{2}$ 

Strand transformace zachovehola dominanci

 $\mathbb{T}_{i}(s_{i}^{*},s_{i}^{*})>\mathbb{T}_{i}(s_{i},s_{i}^{*})$ 

Vs, €Z,

0

 $\Pi_z(s_i^*, s_i^*) \geqslant \Pi_z(s_i^*, s_i)$ 

Vs, €Z,

Po trans formaci :

 $a_{1}T_{1}^{1}(s_{1}^{*}, s_{2}^{*}) + b_{1}(s_{2}) \Rightarrow a_{1}T_{1}^{1}(s_{1}, s_{2}^{*}) + b_{1}(s_{2})$   $T_{1}^{1}(s_{1}^{*}, s_{2}^{*}) \Rightarrow T_{1}^{1}(s_{1}, s_{2}^{*})$   $a_{1}>0$ 

Obdobni pro drahou vovinci.

To transformaci zuistated poduvinta Nashong vounevally nermina, tealy universe tordit, se a final transformace rachovale!

Nashong vounovally.