



	Claureal economy.
	modet market: consisting playercalled as agents.
	agent, agent:
	agent, agent: Burdled Burdled Jords Jords
	goodi goods
	Production
	frocess from
	1
	outpur outpur. : 3ame
	A market with transferred and
	A market with transferrable payoff consists of
	· a finite set N (the cut of agents)
	· a tre intigers q e (the number q input goods)
	- for each agent i't Na nector wit pe
	(the indocument of agent i)
	for each agent ien a continous, non-decreasing, and
	concaute Hinchim
	fi: R! → R. (the production function 9 age
	Ex N = {1,2,3}
	1:2: 2 commodities
	endouments q agents
	$w_{1}^{2}(1,0), w_{2}^{2}(0,1), w_{3}(2,2)$
	Productions functions
	$\{1(3)_2, 2_{1,1} + 2_{1,1}$
<u> </u>	$(2(3)_2 Z_{2,1} + 2 \cdot Z_{2,2})$
	$\frac{\sqrt{3(5)^2}\sqrt{23,1}}{\sqrt{23,1}} + \sqrt{23,2}$
·	input welly 4 0 mg
	uertor for which $2z_i = 2w_i$ is an allocation.
A STATE OF	TEN = 3 w; is an allocation.
Application of the second	

model a market <n, (bi)="" (wi),="" l,=""> as cg-TP</n,>
<pre></pre> <pre><</pre>
· Ni set q agenti
- for each coalition s we have
· ·
$\frac{V(S) = \max}{(Z_i^2)_{i \in N}} \begin{cases} \frac{1}{i \in S} \left(\frac{1}{ Z_i } \right) : Z_i \in \mathbb{R}_+^2 \text{ and} \end{cases}$
$\frac{2}{65}z_{i}=2w_{i}$
Note: 1. output of production process are same.
2. players outside coalition (S/N) don't affect
production
N: { 1, 2,3}
Lind v for each coalition
file of the state