1. a. Fie multimer de tosh-ani T= £t, itz..., tu?

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Thebrie minimizat:

max \( \sum\_{1 \leq 1} \) Mi \( \text{T} \);

(and : Mi \( \ext{E} \) Mi \( \text{T} \);

(and : Mi \( \ext{E} \) Mi \( \ext{E} \) Mi \( \ext{E} \)

(and : Mi \( \ext{E} \) Mi \( \ext{E} \)

(and : Mi \( \ext{E} \) Mi \( \ext{E} \)

(and : Mi \( \ext{T} \) Problem de

Programme Cimiani

Programme Cimiani

Proplem de

Programme Cimiani

Proplem de

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Programme Cimiani

Proplem de

Prop

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2. a. Pentru codificarea uni cromozon vom sete un interval

(a,6) pentru valsorea obiectelor si (c,d) pentru probabilitatea lor , cot si o precipie p (pentru prob (i)).

Lungine cromozon: [by ((b-a)·10) + log ((d-e)·10)]

Valsarea genelor decodata reprezinto val (i) si prob(i).

6. Of victic de fitness eficients va Calcula reportul
dintre val (i) si prob (i), incercard a maximira
valorea dor a minimira si probabilitate.

fitness (i) = val (i). prob (i)

3. 
$$A = (1,2,3) \in \mathbb{R}^3$$
 $B \in \mathbb{R}^3$ ,  $B \neq A$ 
 $B = (2,3,5)$ 
 $C = (3,4,6)$ 
 $A = (-1,-1,-1)$ 
 $A$ 

6. O=(0,0)Penton  $A\in\{-2,0\}$  var exists  $E^4$ puche de protiera ( $\frac{1}{2}$  toute var potente) B=(0,2)Penton  $A\in\{-2,0\}$  var exists  $E^4$  A=(0,2)Penton  $A\in\{-2,0\}$  var exists  $E^4$  A=(0,2)Penton  $A\in\{-2,0\}$  var exists  $E^4$  A=(0,2)Penton  $A\in\{-2,0\}$  var exists  $E^4$ Penton  $A\in\{-2,0\}$ Penton  $A\in$ 

7. a.  $P = \{(3,4),(2,3),(4,2),(2,1),(4,-1),(4,-1),(0,-1),(2,2),(0,3)\}$ 

b. O possibilité amplasore a comerelor de supreveghere as f: În puntile : F, C si G.