a) fie V liste peredulær (Ly/væl(i), pro6 (i)) Ordneszonnel X va fi format din leu (V) alele, repro coa de la poz. i reprezentand doca an aler sou nu obséchul i. V=((4,4/5),(6,3/5),(3,4/5)) X = 101 = 3 am alos V[0] ci V[2]. 5/ Funcția de fit vess: · Calcellez Valoura si prob. configuration · Dara prob < P dat, fitness =0 , in dans · Vraan val masima ni groba si litatea no nin p. Ceven (val, prole)= If (prole-p) ≥0: //am depasit of, view some not mer return Weller prob 11 m am depaisst pyream prob cat more more.

Cem Valorile sunt we nitregi si prob un subsentare, de indata ce prob-p20 al va maximiza suma valorilor. Alfel, maximizez probabilit.

fitness -> maximizarea function f.

Ciausu Micalette, 239

Examen Algoritui Avousati

3.
$$A = (1, 2, 4)$$

 $B = (1, 2, 8)$
 $C = (1, 2, 12)$

$$\frac{1}{AC} = (1,2,6) - (1,2,4) = (0,0,2)$$

$$\frac{1}{CB} = (1,2,8)$$

Nt=2n-k-2, nm=3h-k-3 Pentru M, Nt = 9, n=7 => 9= 2.7-k-2 11 = 14 - K -3=-K => K=3 pit pe frontiera acaparizio convete. nm=3-3-3=27-6=21 nm=3.7-3-3=21-6=15 Pentra 41863. nt =5 , n = 46. 4t=2u-k-2 5 = 2.6-1c-2 5 = 1Q-K -5=-1c=> K=5 pct pe frontière occeperirei convete. => Pundelo: f=(0,0) B= (3,0) C=(5,1) h = (5,3) E=(3,3) F=12,11 Q=(9,6) peubru M: N-m+6=2=>7-15+F=2 => F= 10 penton M 1863: F=6.

7.

5: $A: +-y-5 \le 0$ $B: +-y-10 \le 0$ $C: -3 \times -1 \times -1 \times 0$ $A: +-y-10 \le 0$ $E: +-y-10 \le 0$ $A: +-y-10 \le 0$

A, E, F supérioure B, C, D inferioure peseu pe geogebra. 6. File C = (-5, 1) D = (3, 3) M = (4, 2) D = (3, 3) D = (3, 3) D = (3, 3) D = (4, 2) D = (

#.

A (3,4)

B(1,2)

((2,2)

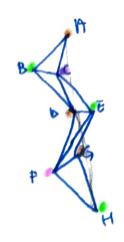
D(8,0)

E (4,0)

F(2,-3)

6(3,-2)

H(4,-1) H(7,-5)



J-mondon, 2 donnemer de mes în jos: A-1B-7D-7F-3H

B, F convex reprincipal C,G CONCAV

b) An briangalot si facut 3-colerare.

● → 3

=) apoplosore posibilé na CJF. 72

