Theopes Amoputació Tyulk Outra 17MI-21 Finet Nº 8 1. Perupcubui prynkysii. Blegemes gobilemux auroputacib go encuebeex prynkysii. Эсторично першого ангоримингиого енстенного, була система, що груптуванась на викориcmarni roucmpyrmubuo buzucerenux apuquemuruux (yénomanobeex) goznagia, exi nazbana perspeubmenen opynkyisuen. Hexaú zagano glereni auropiemu A, exert lezzue man posomu auroparaig maxonc upony mepobamie m, m2 ... mx, mogi m;= A(n;) Auropumu A buznarat geley runwby gognegic  $Y: N \rightarrow N$   $m_i = Y(n_j)$   $\frac{\partial mne}{\partial t}$  buxonanne gebilbuoro auropusary A  $\frac{\partial mne}{\partial t}$  buxonanne obrnaienno znarent geeroi rucuoboi opynicyii f2. Kuaa P Ta NP

Buzuarenna Kuac P-TIME (aso npomo P)

ex unoncuna baix neob, exi gonyexa w mb DMT 3 nous nous autono racobon exuagniero, mosmo

P-IIME = {-L/icugions mais DMT Mi nouinour P(n), upo racoba exerceguicos manurum M gopibulot P(n) i L(M) = 23Vuac NP-IIME (aso mouno NP) - ye unonuna beix mobiler gongeranors HMT 3 nouinomansuoro racoboro exuagnero. lkeyo moba L nacionalité go knacy NP, mo il presniznat DMT z ge racobas exnagnicos c + L(n), c - cmaua; P\_L(n) - rouivous zaucenaux leig L.

mac P yébellions ex mac zagas Thmyimubuo erci cuoncua mbuzero postezaru, a rua NP- le rance 3 cegar exi monace mongro repebiquer.

Moby Lo 3 NP nazubaioms nobinoro gua nego meparino banoro novino minoriamento racy ceto (NP-nobnow), layo za zagalulu устеривнования синорибиом рознізнавания Lo, 3 racoboro cicuagniciro l(n)≥n i gobilbuoro moboro L 3 NP mona esper muebro znatione gemepui un bacunt auropuru, exaut posniznat L za zac 1 (PL(n))).

3. Novameno apanimubuiomo perypcubuux epyneyin na aparenagi: 
$$f(x,y) = \max(x,y)$$

blogano opyneyino:  $n(x,y) = \begin{cases} x-y, x \ge y \\ 0, x \ge y \end{cases}$ 
 $f_1(x) = \begin{cases} x-1, x \ge 1 \\ 0, x \ge 1 \end{cases}$ 
 $f_1(0) = 0, = 0^1(x) = g(x)$ 
 $f_1(x+1) = x+1-1=x = h(x,y) = I_1(x)$ 
 $f(x) = R(0'(x), I_1(x)) - \text{aparenimubuo perypurbuo}$ 
 $n(0x,0) = x-0 = x = I_1(x) = g(x)$ 
 $n(x,y+1) = x-y-1 = n(x,y)-1 = h(x,y, f(x,y))$ 
 $n(x,y) = R(I_1(x), h(x,y, f(x,y)) - \text{aparenimubuo}$ 
 $pexypurbuo$ 
 $f(x,y) = \max(x,y) = y + n(x,y) \text{ morno}$ 
 $pexypurbuo$