Б<u>л</u>ұменау М.И. N.I. 693191 1) O(x) = (w, x) 4A4-6 I roubres repegnolatore uns mym à grece godabat koreconstention apequax (gra Vosyekma x=1, comb. lcmb. Wo). < W-belg regentuse regrander), x-asbern, ar(x) byguen omben > - conveyed rough. Unit bug zahreen 2) Thugnak Omben W.=10 acx)= wo + E w, x; ∞) 0 W4: 5 10 8) 2 Morga 20 6)  $W_{1}X + W_{o}$ 3 a a) 0.5+10=10 bly wo: b) 2.5+10=20 6) 4.5+ 10=30 Wix, & x=0 omben beerga Ouwoka O, Kak Mu rpynny. 0 (0. Mose uner =0) 3) 90 rpniznatol gagym 90 raparenpol t Wo (Koremanneni) > 91 Eure godabums Lz, mo napamenpol convarien 62 paga Laisme Consissio mags me zadonns, vons Wo me perfectipuz, normany ero me yumnorbaem) 1) Turepragramenz C burden na mo, macrastko man boksicus Knaccupuracy nackon myst robots. Hapneyso napromery; (Jagonea o pazgenemm gannes in Malognel) Hy mon kan don bondupolin mesergy om

a knaccup. Een noseers pagement rysmon apprograms, marror machentol plen. Ry un populyin outrigue, was you C=0 3, Model, udo Me buntone no min (1 compansor l () u use rougement mogent, na dysjen i zabucurocny om &; gorbams/ Men racrodierud ma omenynn om duwer. adulknyon 2) Homony uns geogne aprepriemine Kol gover mebecons uns. Typo robyte, Mor Maryum Ch. orgupa. F- megra U non der ez napromerlok (or ne scypsacur, novihing...), bugues, umo gus ch. orpingon rec.=0,9 apr.=0,6 mo ace compl, uns nec.= 0,2,pr.=0,9, a zomen man Formers mens instalentingen haberentry manner pr. 1 mee ( ryn use ogrobjem.) ybenmenn. M. e. F = 2 nec. pr Econo FB-mepa=

3) Ply zabucum om manuer zagam komuno. Pr+rec

= (1+B2) Pr. rec

= 1+B2, Pr. rec = (1+B2) Pr. rec u mpoens raurien nojomu, nemas t BCI - toyicha moureens ( morcins grid search enge ganozama) B> I-rolliona 4) Econo One-us-all u All-us-all K-maccob  $X_K = (X_i, [y_i \in K])_{i=1}^C$   $Y = \{1, \dots, K\}$ Orgunal Or (X) ma Xx d(X) = org max olk(x) (Thorno ran bout on Mengen: Morces persons of Bagory girl Morreger mapor musicol u porturantis K momon e Lugareren - monor e Lugareren All-us-all: XKm= & (x;, y;) EX)y;= x hun y;= m) a(x)=argmax & farm(x)= K]

2) Magnini auropiemy. r 3. de monst = borses 4 ungen moroni ryegovenn, sulmo j= ar gm:n Q(km,j) bornam. 2) Totagambren max, more

Repried (x, y) & Ros | [x, y, t] | muna be y knows zonomenne } t

him. 4) Tabroquella mana se bourgen 2) B. Michael xpariance manner provider ( une ombiner, Ux usurs byans y greguerela, murs Co = 1/R2/Ey; Maners ryga zacyseymo men (x, y:) E RJ Mageria Co(x) = < wo, x> Teplodyeenhal - I. Karga non Symborthe rogrammers rof rame ambeno Maximanshio inprocessal - live & marie moro, um ares umo-mo bée de peuraen, mo una solutional l'um enacce Earn nukmo ne nyesyen edby hadomorno - xbarren bel adreemor 3) Tramary ums nobyrol Koreinberena gepets, Korropal 1 blycen" redolplant repartillables olan, usseen cquero navl, Meering" u Sgalm orients rearrancement min. per., mins

[3]

5) Therpomus morse ecui y menso pabornepose pacopiqueme

W = 0,5 wt-1 - 1 + wt-2)

11 wt 11 < 0,07

1) Uger genans nym b wa ne omnoka, no pangon dygen nyme

2) Omregge 0,5 rejeg nt-1? Mor marine slepën u navunisën manegorii Por genumo na 2 zonnema w, macers, girgén 60.

3) Bonen nam Wt-1 + Wt-2? Than myricen wt-1 reasons, bego non

4) Omabl. Gernarda

Turcian reruir, konsidencia l'urnone y mater Wt u Wt-I mouran agand -

Kober (Cau commuce), a Maria robapina  $\frac{x}{x} = 1$ , normally rugen me (0,0], a notion (0,0] ( unit moure (0,0])  $\frac{1}{4}$ , (0,0) morrien doing re others. Mre bugens neckalists pray, und much a confirm a uncultarly reduced the review days was mura (0,1], (0,3) no (0,1) morrien a confirmation of (0,1) morrien (0,1), (0,3) no (0,1) morrien a confirmation of (0,1) morrien (0,1), (0,1) no (0,1) morrien a confirmation of (0,1) morrien (0,1), (0,1) morrien (0,1), (0,1) morrien (0,1), (0,1) morrien (0,1), (mura 9,3/to,3), no myton Imo noncen a chacomans

Hy nobemol nago omcoppanipobano bié rece:

$$\frac{2}{2+2} = 0.5$$

$$\frac{1}{2+3} = \frac{1}{9}$$

Reparent in Kaponista

Trains Lynna Manogramust:

$$\frac{1}{1+3} = \frac{1}{4}$$

$$\frac{1}{1+3} = \frac{1}{7}$$

$$\frac{9}{2+2} = 0.5$$

$$\frac{3}{397} = 0,75$$

4+0=1

$$(4) \frac{3}{3+1} = 0,75$$

$$\frac{4}{4} = 1$$

3) Ky our, rosers woo b a. 2 mongers pobre sino. (4)

(Momphun na ROC, bugun, umo na ven y cugum noma navioma (rec.),
comprule konga 50% o nephoni pay: Imo max b). Thur mir mamoma 50%,
morpocono:

2 = \frac{2}{3} = 0,67

My in ropor 13,5 mic yempun navyusener