1k, 1.9 (13); 2/3, 2×1, 2×3, 2×6, 2/22, 2×3, 2/22, 2×3 (15-17); 3/2, 3/3 (19)  $\overline{\mathcal{U}} = \emptyset$  ueryesol um-lo.  $\beta(x, y) = \{0, x \neq y \}$  .  $\mathcal{U} = \{0, x \neq y \}$ Peuseume:  $77 \{x_n\}_{n=1}^{\infty} \in \mathcal{U}$ - grynd.  $10es-7b \rightarrow 4E>0 ? N(E)>0: <math>p(x_n, x_m) \in 2b$  dyler brinomine, can  $x=x_n$   $4n \times N(E)$ ,  $10e^{i\pi} \approx \mathcal{U} = 10e^{i\pi} p(x_n, x)=0$ => lim xn = x => M- nomoe Oslei : Oa Beerda elle in Ai sommengo, eene Air sammy so Peureung: 17 Ai = [i, 1], a WAi = i = [t, 1] = (0,1] - им атрыте, им Обей: невидога 502.11 D-B: Be (20) - orup. nullo Д-во: Пуст 5 « В « (по), Е г ч - р (по, 5). Рассмории В (5) - откр. спер с учитрам в т. 5 и ч = Е. tye BE(E) => p(y, 20) = p(y, E) + p(E, 20) < E + p(E, 20) < E+2-E=2=> => y \( B\_{\mathbb{E}}(\pi\_0) => B\_{\mathbb{E}}(\mathbb{E}) \( \mathbb{E} \) \( B\_{\mathbb{E}}(\pi\_0) => \) \( \mathbb{H} \) \( \mathbb{D} \) \( \mathbb{H} \) \( \mathbb{E}(\pi\_0) => \) \( \mathbb{H} \) \( \mathbb{D} \) \( \mathbb{H} \) \( \mathbb{E}(\pi\_0) => \) \( \mathbb{H} \) \( \mathbb{D} \) \( \mathbb{H} \) \( \mathbb{E}(\pi\_0) => \) \( \mathbb{H} \) \( \mathbb{D} \) \( \mathbb{H} \) \( \mathbb{E}(\pi\_0) => \) \( \mathbb{H} \) \( \mathbb{D} \) \( \mathbb{H} \) \( \mathbb{E}(\pi\_0) => \) \( \mathbb{H} \) \( \mathbb{D} \) \( \mathbb{H} \) \( \mathbb{E}(\pi\_0) => \) \( \mathbb{E}(\pi\_ => Be(26) - ONp. В-В: [Br(20)] - Зашки. D-60: Ryers { xngn=1 c[Br(x0)] u lim xn = x => p(xn, x0) < 2 -> => p(x, x0) = Z => [Bx(x0)]- 3aucun. D-B: OF = [E] int E D-lo: [E] = int E VOE, npu sou int E nOE = Ø => [E] int E = OE

В-В: Еа-замики. D-60: A (2030= C fa 4 lim xn = 2 Toela f(xn) > a = > 202.27 (10) or mos of not some from the fit of the f-ulp. na IR grue. Ea = {x: f(x) > a} -> magricostere b-3: Еа- опер. p-lo: Pacemaque [Ea = fx: f/x) saf. A fxn gn=1 < (Ea u lim xn = 2

-> f/xn) & a => f(x) sa => x & TEa => CEa - same. 32.29 [0].8] de 81-100 Jun Jup B de 11 + 10 10 10 D-B: { feclo, 1]: de fe & txela, 63 6= P. oup. D-60: Afep, "= fmin-d, re=fmax 18; ge Bz(f), z=min fr, ref => 19-8/00 X x6/9,62 => d & f-fmin 1d & f-26 9 < for & for & fma => 43 g & Br(20) => ge 90 => Br(20) c 90 => 90-0545 NE ( 2 8 4 m > 1/28) => 6 npalane D-B: of sauskie Me all (M- noun west no 60) - nounce west no 6. D-60: A wa M. u M savana Dimaxobase recepture;  $\int x_n \int_{n}^{\infty} < dt$ , gyud. noch-B. =>  $\int x_n \int_{n}^{\infty} < dt$  -  $g_{yy}u$ . noch-B =>  $\int x \in M$ :  $\int_{n}^{\infty} x_n = x$   $\int_{n}^{\infty} x_n = x$ D-B: int E roe E- Vum- 60 - orig. my- 60. => H round y - buy A. => Br(re) = int E - orup. Ente was to him was - it is a file of ME >0; // xu - xull of them sh

В-2: Р= { fecto, 17: 1 fl = a g-огр. и замкн., по не компакт и Саже D-60: P= [Ba(0)]-saucen, map -> P-soucen, 4 0ep. Pacemorpum jarngner - ffngner. A & ffngger: fnx -> f 6 clo,1] => fnx -> f + x [q:], 6 po rece Grand fnx -> 0 eens xe [q:], a
fnx()> a => f-paspsibual que que => nporelegerne [Bilo] = le, ve x=(xi, xn, -) -> p(xo)= = |xi| 1. 77 3 {anjuno: a, = (1,0...,0), ax = (0,1,...0), an(0,...0,1,...0) => => p(an, am) = 12' npu m in => 2 asyul. ndonoen-13 => [B,(0)] - we kam 2) Cp, 16 pcn A [xnf = - gyw. noen-13 = Cf => NE >0 7 N(E) >0: 8(2n, 2m) = [ = 12nx - 2mx | P] = & Vn, m > N(E) => Vk >1 12nx - 2mx ( 28 4n, m > N/E) . { xnx 3n=1, - gryul => 3 lim xnx = xx 4k2) HNZI & Jan - 2mx 1 = EP Hn, m = N(E) => & nperene no m: 5/2n - 2x/P = EP => 5/2n - 2x/P = EP +n > N(E) => \$ (2n - 2) eg Иер-во Минювекого: [\$ /xn+yn/"] " = [\$ /xn/Р] "+ [\$ 14n/Р]" |2x-2nx+2nx|= |2x| ≤ |2x-2nx|+ |2nx| => no nep-ley Munkobekoro: [ ] |xx | P] = [ = |xx - xpx | P] + [ = |xnx | P] = 2 = > x = Cp 3/2nx - 2x/ = EP + n> N(E) => p(xn, x) = E + n> N(E) => => p(xn, x) ->0, n->0 => Cp- nonnoe a) la (x= {xn}, p= sup /xn-yn/ (02pl). A 2n = (xn, xn, xn, xn, ...) . A //x//p = jup/xn/ { any more to gryw noch - 1 +> HE >0 3 N(E) >0: // xn - xm// E +n, m > NE) => # sup /20-2mx/4 & +n, m > N(E) => + k >1 /2nx -2mx/4 & => -> + K >1 (x1, xex, ...) - gyul. noca-B -> - lim 2nx = xx 4E >0 3 ME) >0: /2hx - 2mx/ = E/2 + K, 4n, m > N(E) => 6 nper ene

 $|x_{n_k} - x_k| \le \frac{\varepsilon}{2} \quad \forall k, \forall n, \Rightarrow N(\varepsilon) \Rightarrow \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall n > N(\varepsilon) = \sup_{k \ge 1} |x_k^* - x_k| \le \frac{\varepsilon}{2} \quad \forall$