13-43M. me E => E[13 > a3]-43 mepu no f3 > a3 => f > a E/+3 > a37 = E/+> a] -> E/+> a] - usnipuno => of 43M. ua E 4.7.0. m(x) = min { f(x), g(x)}; M(x) = max { f(x), g(x)} 2.8 +, g-uzmepunusi -> El+>al, Elg>al-uzmepumsi Bancoux: Elma = Elfa 1 v Elga 1 g=> => Elm > a], Elm > a] - 43 mepunn => m, M - 43 mepunn 4.7.0 502.9 [2, B] c (a, 8) [a, 6]=[U[di, Bi]) V {a} v {b} , eDe acd; eB, e6 f-usm. na V [d, B]c (1,6) => usm. na U[d; B;] ua faju [64.7x. Гогда ф-изм. на 10,6%. 4.7.0. Ryen g-43M. => Elg>a3-43M. E[+>a] = [E[+=g]n E[g>a] [v / E[+>a]n E[+=g]] u[E[++g]]=0 => E[+=g]=E\E[++g]-43 nepuno => E/+ >a] - u3M. => f- usm. 4-43M. na E => El4 > a7-43M. ; E, > 4(E) f- unp => E, [f >a] - orkp => E, [f >a] = U (ax bu) Torea E[f(q) = a] = V E[ax < 4 < 6x2 - 43M. -> f(q) - 43M. Rycz g(z) = 23; p-usnepuma, T.K. Elg>a? = {xelq13/23>a = (0,13 n (a'3, re) Enep - mer-la nepece receni => Enep = K DE => M (Enep) = 0. Torda f u p - mbularemente que => f- uznepuna.

1(x) uncer f'(x) 6 + x = /a, 6? => f - nersp. me [a, 6? => $f(x+h_n) - f(x)$: $h_n = \frac{b-a}{m+1} - uerp. ue [a, b-h_n] = 2$ г измерима на нем $f'(x) = \lim_{n \to \infty} f(x) = \lim_{n \to \infty} \frac{f(x+b_n) - f(x)}{b_n} \quad \forall x \in [a, b] \Rightarrow$ $= > f' - u_{3M}. \quad ua \quad [a, b] \Rightarrow u_{3M}. \quad ua \quad [a, b].$ = > 224.7.0 Pacemospym neuzm. neu-les $Ec Lg_{12}$. Rycis $f(x) = \int_{-1}^{1} x \in E$ Torba $\left\{x \in lg_{12} \middle| f(x) > 0\right\} = E-neuzm, \tau. \kappa.$ ne beerle burnen-therese gentlene $f^{2}(x) = 1$ $\forall x \in [0,1]$ $\{x \in [0,1] \mid f^{2}(x) = 1 > a \} = \{[0,1], ecau \ a \ge 1\}$ = E, - Uzmepunco => U3 U3M. fx UL extégér USM. f. 1) Ry cB E - WE USM. $A_E(x) = \begin{cases} 1, & x \in E \\ \ell, & x \in E \end{cases}$ => E[& = > 0] = { a e/R = | X = (x) > 0 = E -> E[JE>0] - MUSM => JE - MUSM. 2) Plyon E-usu $E[X_{\pm}>0] = \{x \in |R'''| X_{\pm}(x)>\alpha\} = \{E, ecnu \ 0 \le \alpha \le 1\}$ $(P', ecnu \ \alpha \ge 1)$ 1) Mycis E-usm E-43M; Ø-43M; 1RM-43M E[X = >0] - U3M => X = - U3M. 4.7.0.