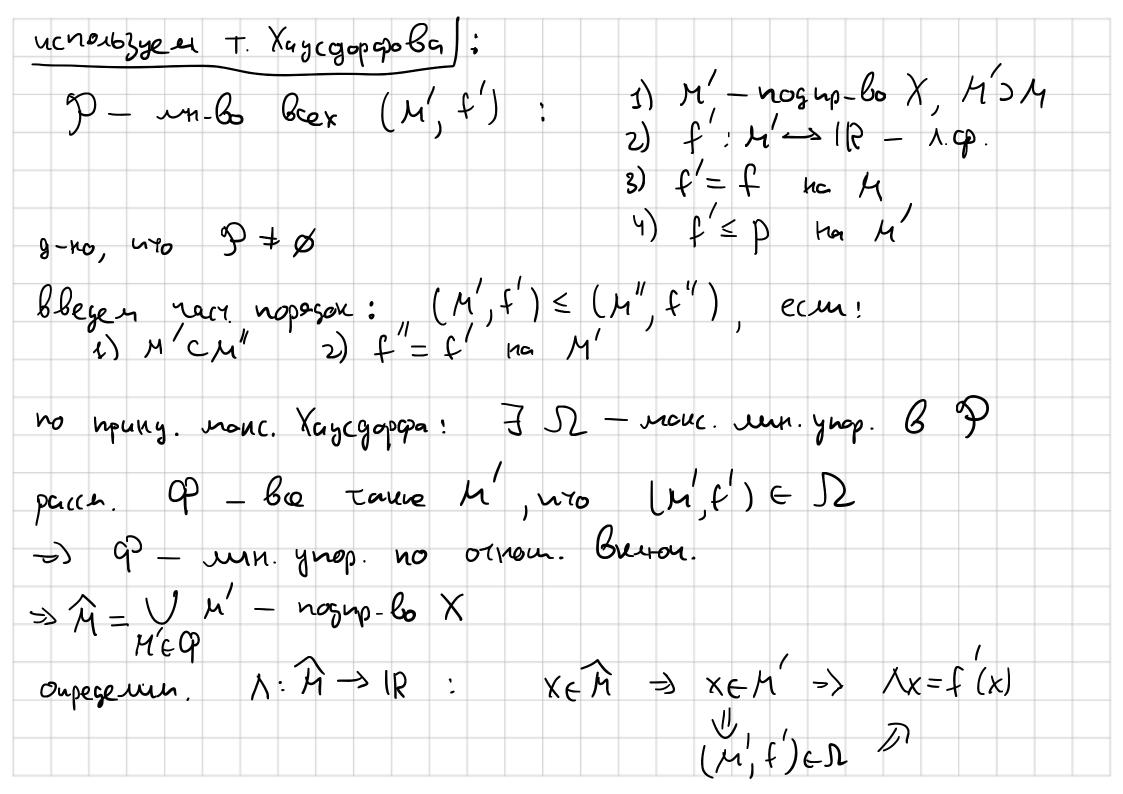
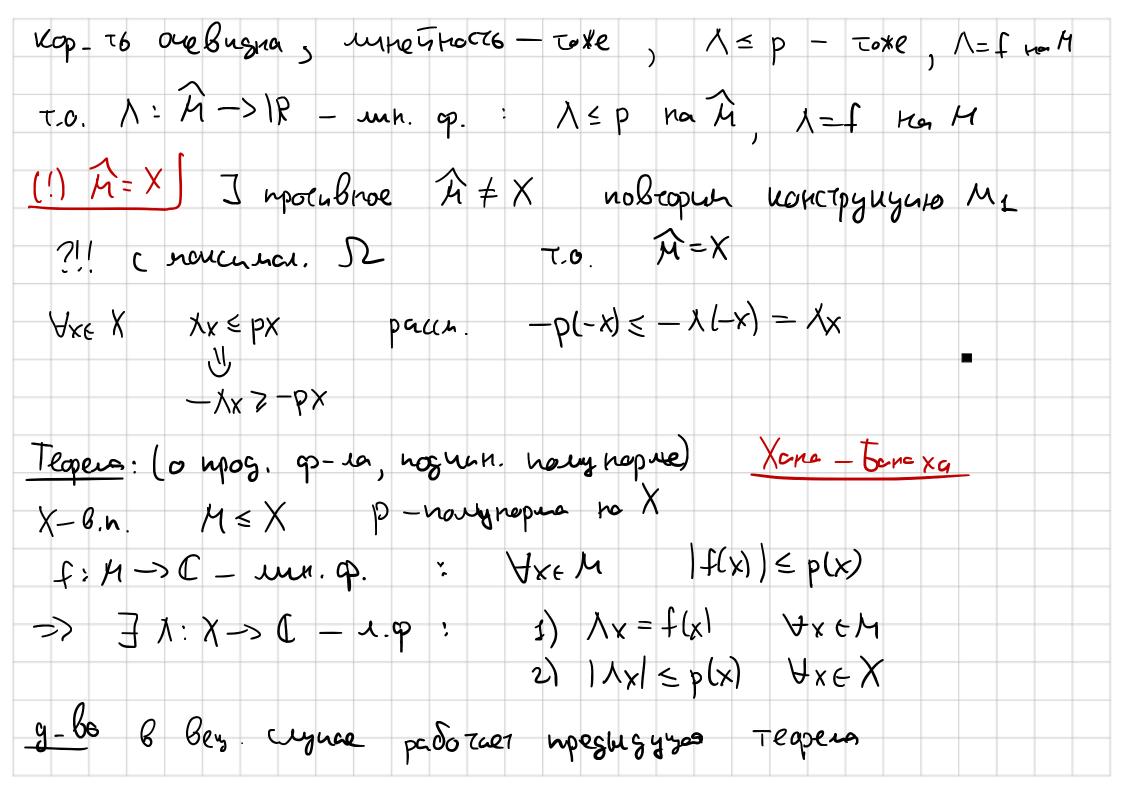
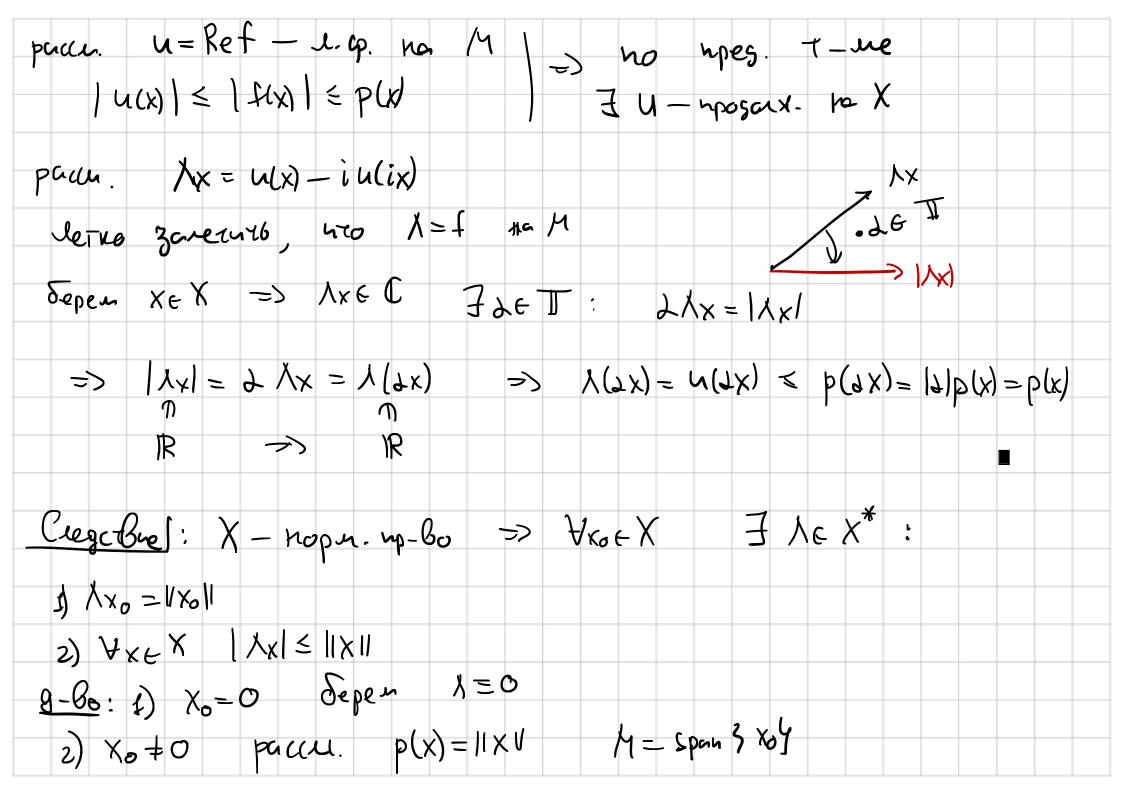
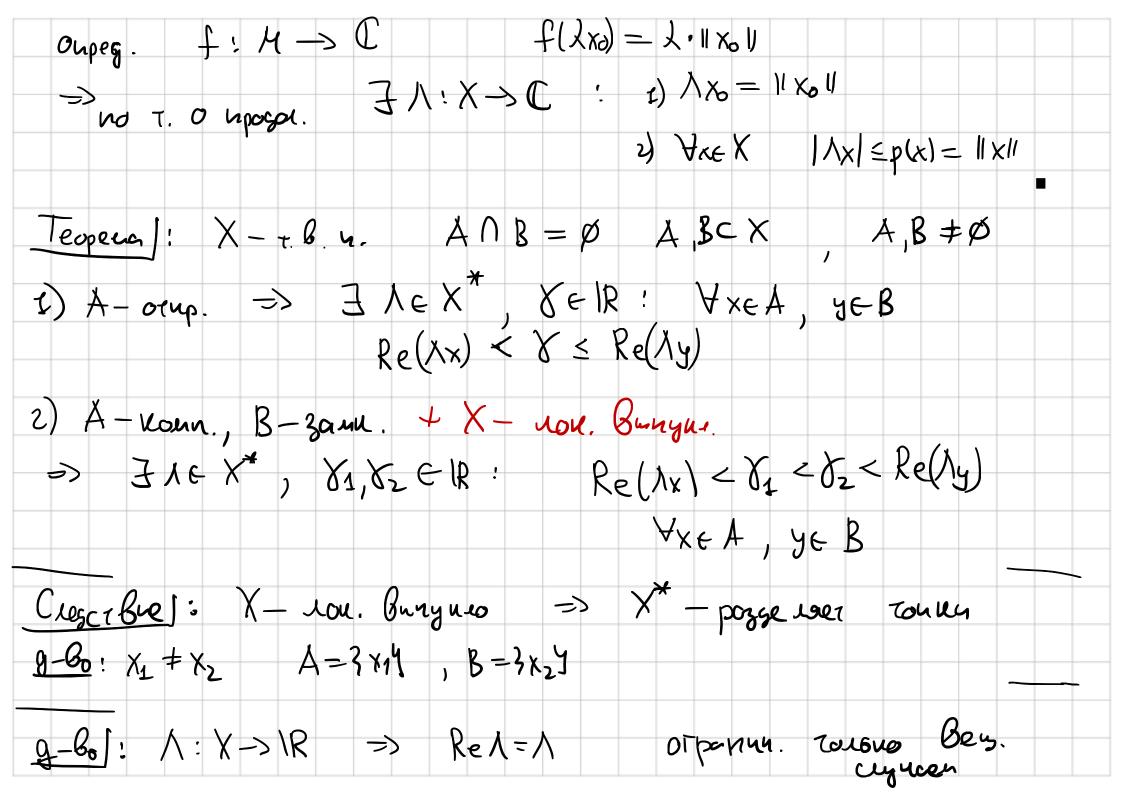
Bar: f: X -> C - Konne. un. q-ynotral f(x) = u(x) - iu(ix), rge  $u: X \rightarrow IR - Bey un. qp-ynones$ Z= Rez -i Reliz) <u>βδροτηο</u>: M: X-> IR -Beys. e. op. f(x) = u(x) - iu(ix) - uanne.T.G.: fe X \*  $\exists u: X \rightarrow 1R - \text{terp. u.cp.}!$  f(x) = u(x) - iu(ix)Teopena: (a npogarx. q-race noge. norgas. q-ly)  $M \neq X$   $M - nogrp-Bo X <math>p: X \rightarrow IR :$  (x) = (x) + p(x) + p(x) (x) = (x) + p(x) + pf: M -> R - uneen, f(x) = p(x) + x ∈ M >> 3 x:x > 1R - mn. ! YxeM f(x) = x(x)  $u \quad \forall x \in X \quad -p(-x) \leq Xx \leq p(x)$ 9-60: M = X X1 c X M M1 = { x+tx1 | tc |R, xe My

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M1 - hogup-bo X
    paan. f(x)+f(y) = f(x+y) \leq p(x+y) = p(x-x_1+x_2+y) \leq p(x-x_1) + p(x_1+y)
                            \Rightarrow f(x) - p(x-xy) \leq p(y+xy) - f(y) \qquad \forall x, y \in M
             d = \sup_{x \in M} f(x) - p(x-x_1) \rightarrow \int f(x) - \lambda \leq p(x-x_1) \int f(x) + \lambda \leq p(y+x_1) \int f(y) + \lambda = p(y+x_1) \int f(y+x_1) \int f(y+x_1)
            paule. f_1: M_1 \rightarrow \mathbb{R} f_1(x+tx_1) = f(x)+t\lambda
                 f_1 - \lambda.\phi. f_1(x) = f(x)
                                                                                                                                                                                                                   Yxe M
                                                                                                                                                                                                                      = \int f(t^{-1}x) - t \leq p(t^{-1}x - x_1) / *t
     paun. f(x) - 1 \leq p(x - x_1)
  x = t^{-1}x  t = t^{-1}x  t = t^{-1}x  t = t^{-1}x - x_1
                     \Rightarrow f(x)-\lambda t \leq p(x-tx_1)
                                                                                                                                                                                                                               = \int f(x - f(x)) \leq b(x - f(x))
anarotuuno: f_1(x+tx_1) \leq P(x+tx_1)
 T.O. f1 < p na M1
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1) Acrup. ao EA, Bo EB pacen.  $X_0 = B_0 - \alpha_0$ ,  $C = A - B + X_0$ => C-oup. O, Buryana paccu. p=yc-op-hou lunnobendo que C  $= \int \left\{ p(x+y) \in p(x) + p(y) \right\} = \int \left\{ p(x+y) \in p(x) + p(y) \right\} = \int \left\{ p(x+y) \in p(x) + p(y) \right\} = \int \left\{ p(x+y) \in p(x) + p(y) \right\} = \int \left\{ p(x+y) \in p(x) + p(y) \right\} = \int \left\{ p(x+y) \in p(x) + p(y) \right\} = \int \left\{ p(x+y) \in p(x) + p(y) \right\} = \int \left\{ p(x+y) \in p(x) + p(y) \right\} = \int \left\{ p(x+y) \in p(x) + p(y) \right\} = \int \left\{ p(x+y) \in p(x) + p(y) \right\} = \int \left\{ p(x+y) \in p(x) + p(y) \right\} = \int \left\{ p(x+y) \in p(x) + p(y) \right\} = \int \left\{ p(x+y) \in p(x) + p(y) \right\} = \int \left\{ p(x+y) \in p(x) + p(y) \right\} = \int \left\{ p(x+y) \in p(x) + p(x) \right$  $A \cap B = \emptyset$ ,  $x_0 \not= C \Rightarrow p(x_0) \ge 1$ paca: M = Span3xoy u f:  $M \rightarrow 1R$  f(txo) = t  $\frac{t \ge G}{t \le G} \implies f(t \times G) = t \le t \cdot p(x_0) = p(t \times G)$   $\frac{t \ge G}{t \le G} \implies f(t \times G) = t \le G \le p(t \times G)$  $| = 2 \text{ t(x)} \in b(x) \mid AxeH$ 1) Xx = fx Yx EM 2)  $-p(-x) \leq \lambda x \leq p(x)$   $\forall x \in X$ 4x ∈ C | => | 1x | ≤ 1 pace.  $\Delta x$ ,  $x \in C$ :  $\Delta x \leq p(x) \leq 1$ AXE CU(-c) >> 1 x > -1 4xe - C oup. 0 8 X

