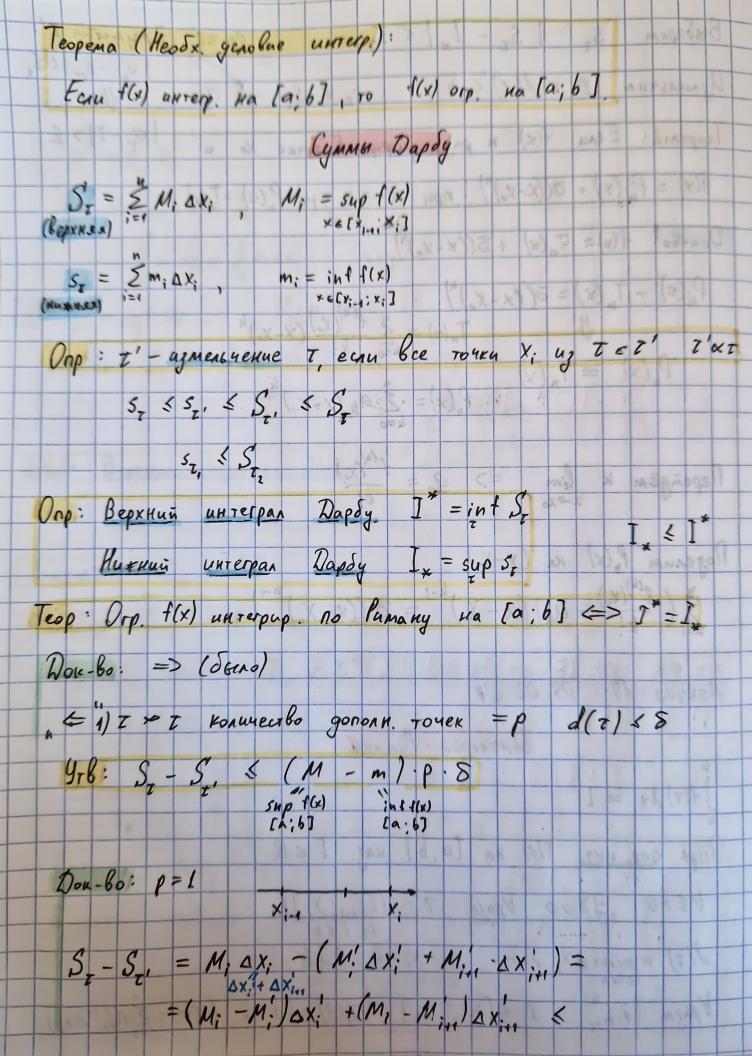
09.02.24 Nexyus 19 Unterpan Pumaka I = x (x)One: onp. un. f(x) na [a,b] naz. I el 4E>0 38>0 tpago. T = [[x:1; X:]]  $d(\tau) = \max_{1 \le i \le n} \Delta X_i : \delta \qquad X_0 = a, \quad X_n = b$ Vpagm. (7:3° : 3; ∈[x, , x, ] | √(+) - I | < € (√(+) = £1(3:1· Δx;)



I- 2 < 0(4) < I+8  $I-\xi=I-\xi\leq S_{\tau}\leq \sigma_{\tau}(t)\leq S_{\tau}\leq I+\xi=I+\xi$   $d(\tau)\in S_{\tau}$   $\delta=\min\{S_{\tau},S_{\tau}\}$ Teopema: Equ f(x) nempep. Ha [a; b], to f(x) where Ha [a; b] Onp: g = t(x) naz. pabnomepho nenpep. na E, einu 4570 3570 Vx, x, E E: |x-x, | < 8 => |f(x,) -f(x2) | < 2 Onp: f(x) menpep. B T. X. V = >0 78 >0 ' Vx & Us (x.) |f(x) - f(x.) | E Repumep:  $f(x) = \frac{1}{x}$  Ha E = (0; 1). 25 min 83 182 8 8 Y - X +1 - 0 1-3-8-00 m-10-8-8-16 f(x)-1(xn+1)=-1 Teopena: Ecnu f(x) nenpep na [a; b], To f(x) pabn nenp. na[a; b] Don-60: 17 7 20 48 = 1 : = x " x" | +(x") -+(x") | > E 1x, 1 " | x, " | < 1 T. K. X' orp. 7 X'n navo Xo e [a; b] => -(v) nenp. B T.X 1 Xn não Vo f(xn) to f(xo)  $f(x_n) \xrightarrow{k \to \infty} f(x_n)$ 

Dox-во: 
$$0 \le I^* - I_* \le S_* - S_* = \sum_{i=1}^n (M_i - m_i) \Delta X_i = \sum_{i=1}^n (f(\bar{s}_i) - f(\bar{g}_i)) \Delta X_i \le E(b-a) \Rightarrow I^* = I_*$$
 $1 \le I_* - 0 \le A_* = I_* = I_*$