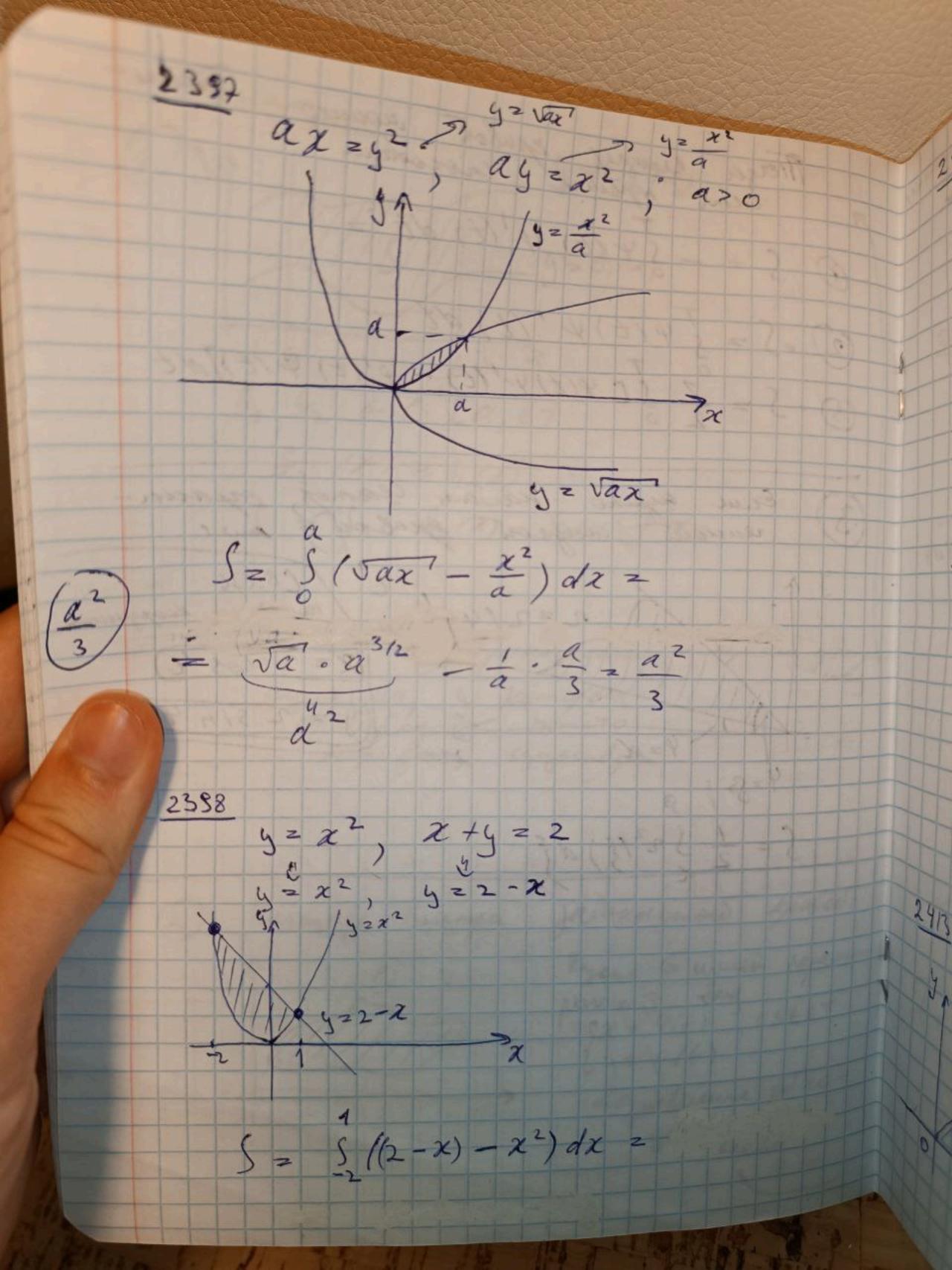
Desoppenessysberuse unmerpassob. $T = \begin{cases} 5(\pi x) \\ 5(\pi x) \\ 3(\pi x) \\ 4x \end{cases} = \begin{cases} f'(\pi) = f(\pi) \\ f'(\pi) = f(\pi) \end{cases}$ $f'(\pi) = f(\pi)$ $f'(\pi) = f(\pi)$ $f'(\pi) = f(\pi)$ 2231 2232 (a, B) 2233 (a, 8, B) 2397 2398 2403 2413 dI = = - 5(a) 2 - 5in a2 2418 2431 2432 212: of I = 5(8) = sin 62 2239. 2235 2400 2419
2418 2418 2418 2435 34(5) 3(x) 3(x2404 24/4 2419 = f(4/x)) · 4/(x) - f(4/x) · 4/(x) B) d S cos (R E2) dE = cos (R cos22). (-5,12)cos (2 sin2x). cosx

 $\frac{2^{2}3^{3}}{x \rightarrow 0} \text{ Im } \begin{cases} \frac{5}{x} \cos x^{2} dx \\ \frac{2}{x} \cos x^{2} dx \end{cases} = \lim_{x \rightarrow 0} \left(\frac{5}{x} \cos x^{2} dx \right)^{1}$ $\frac{2 \ln (\cos x^{2} \cdot 7 - \cos x) \cdot \cos x}{x - \infty} = \lim_{x \to \infty} \cos x^{2} = 1$ $\int (\sin x) \frac{x}{x - \infty} (\cos x)^{2} dx = \lim_{x \to \infty} (\sin x)^{2} dx$ $\int (\sin x) \frac{x}{x - \infty} (\sin x)^{2} dx = \lim_{x \to +\infty} (\sin x)^{2} dx$ $= \lim_{z \to +\infty} \frac{(arctgx)^2 \cdot 1}{2\sqrt{x^2+1}}$ - arc 630.0 = 4 m (andy x)2 2 lim (apc bg 2) 2 Com 200 122 + 1" $\sqrt{x^2+1}$ $\frac{\left(\frac{n}{2}\right)^{2}}{2} = \frac{n^{2}}{4}$ $\frac{1}{2} = \frac{1}{2}$ $\frac{1}{2$ Theousage. y = 52 (2) y=5,(x) 5, 52 ECTEa, 67 $f_{2}(x) \geq f_{1}(x)$ S = 5 [f2(x) - 5,(x)] dx C La, 67 grunaquemm m-negmenty morgen enter pyrekyell, y komopber prolistegna m- oro nopiegna cyweinbye cycyconbyen Reverge Januarymon Kyens G unelm hapavier Hanjabuenne se xo.

Morga mongage toubout mount Keepy-@ S = - SYIE) 4'(t) dt = (2) = 5 = 5 4 (t) 4 1(t) dt= (3) = 5 = 7 SE 4(t) 4'(t) - 4'(t) 4 (t) Jat Ener ayuno reavone ceremon, oyunuremusus magrow knows por C CB236

noverpresen koopginum

t genepmoblemin: 222(4) 6 wary for 2 = 2 Cos 4) 4=3



2403 9² 2 7 - 21² 42 = /1 - x2 /62 y= (1-22) 62 · 5 = 65 (7- x2) dx = (y = 6 V 1- x2) = B S cost . a · cost dt 2

= 26 S 17 + G826) dt2 2 { 2 = sint V1 - 22 2 cost 2 Rab => dx 2 cost dt => S= nab Gukuouga (purypa nakane ruegemalueman Mescue, nougressed (nouvegaso morkey nomagene egen Окрушивения astegues) no seu 416 = x = a (t-sint), 212

S= + S Ra (1-605 6) & a (1-605 6) of (1-605 2931 = a2 S/1-2 cost + cos2 f) dt= = 3Ra2 leuneuckama $A^{2} = a^{2} \cos 24$ $\frac{5}{4} = \frac{a^{2}}{5} \cos 24$ $\frac{6}{4} = \frac{5}{2} \cos 24$ Megpher no krubblell. Dieuna krubbet Ha omjegne. -> Hawmer gereing knubow >RPOCTO 925(x), 5 € C 1 [9, 8] PYHRYME Cea anjegue [a, 6] l= 5 V1 + (5'(x))2'dx Rapaurempur, S 2 = 4(t) & st & B L= 5(4'1t) + (4'(t)) dt

1- 4= x 3/2 (0 = x = 4) (= 4 5 V1 + 3 x d (3 x +1) --2431 $y^2 = 2px$, $0 \le x \le x_0$ 2432 (=2 SSI + F dx 岁之 物 $y = \pm \sqrt{2p}' \cdot (x)^{-\frac{1}{2}}$ $(y')^{\frac{3}{2}} (\pm \sqrt{2p}' \cdot 2\sqrt{2r})^{\frac{3}{2}}$ = 2P = P = 3.4.x 6x