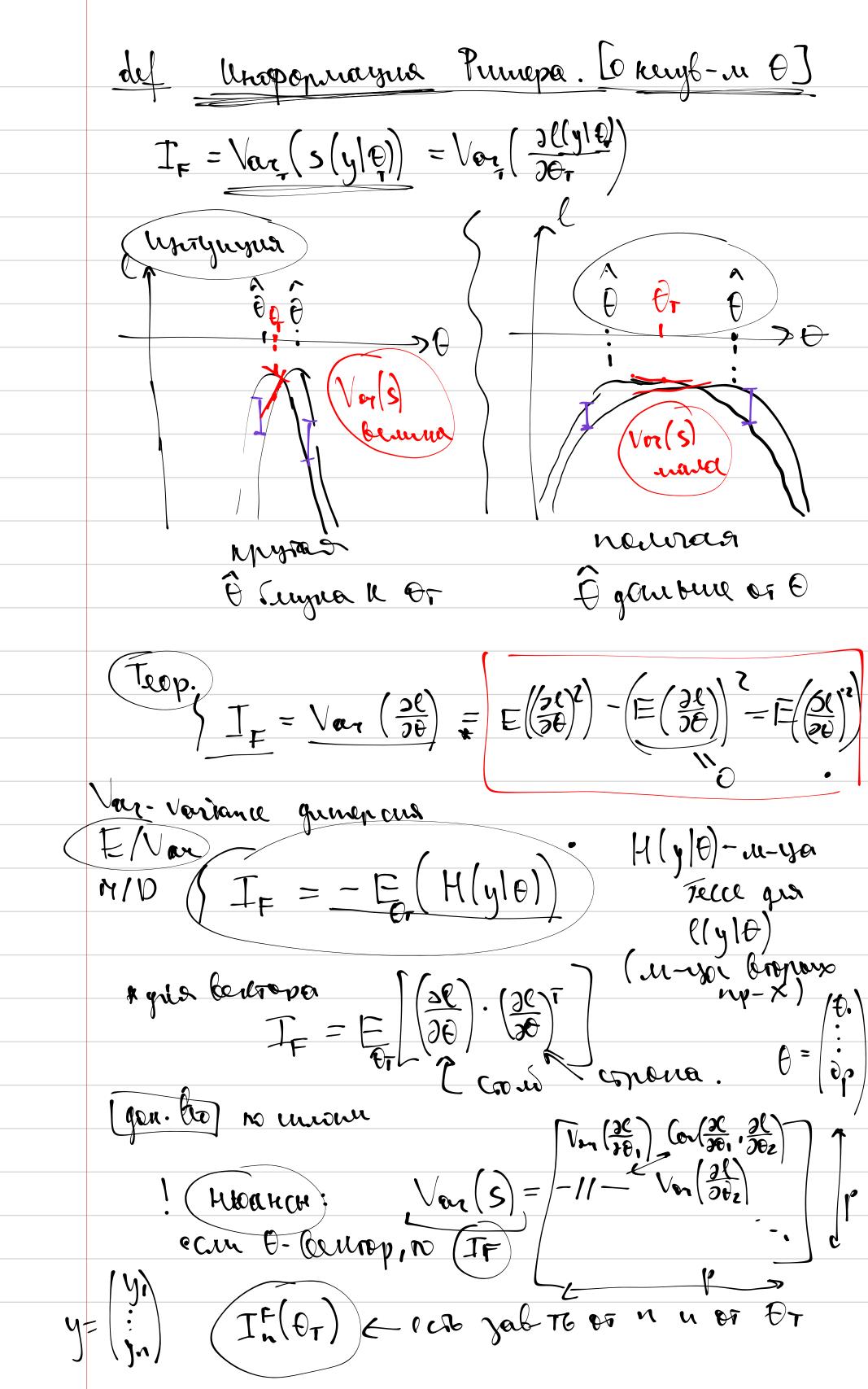
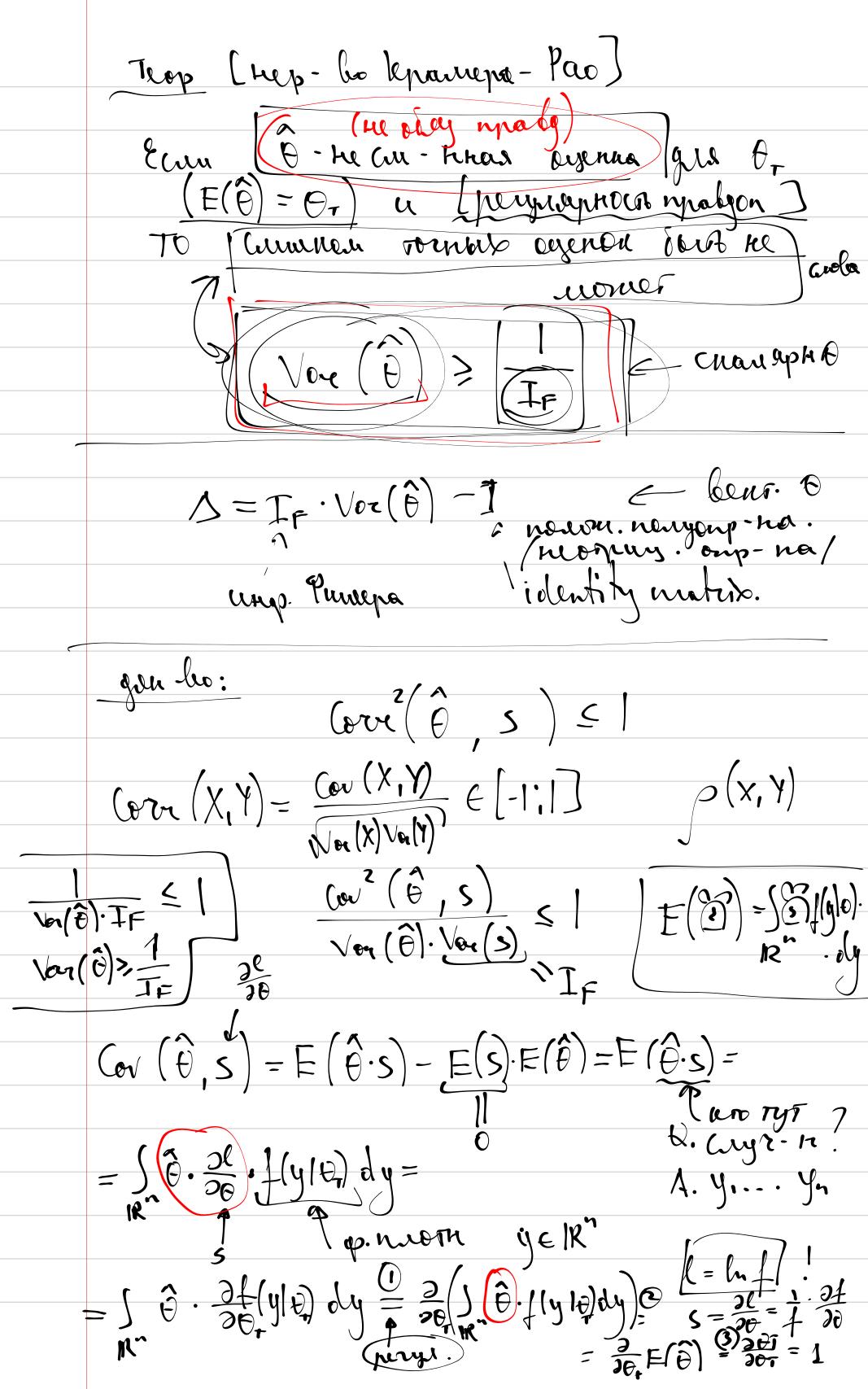
tymber !!

[physique ch-ba].  $l(y|\theta) = ln L(y|\theta), - xor co. nyraby.$   $s(y|\theta) = \frac{3l}{3\theta} \quad s-sore \quad function$ (= mansp =)  $\Theta = \begin{pmatrix} \Theta \\ \vdots \\ \Theta P \end{pmatrix} = \Rightarrow \Rightarrow = \begin{pmatrix} \frac{36}{36} \\ \frac{36}{36} \\ \frac{36}{36} \end{pmatrix}$ CE(for If 6) Teop-Ma Eune [ rengel]  $\mathcal{F}(S(y|\hat{\theta}_{\tau})) = C$ 20 K - 60. ((y110) O, - minumy CE (for 11 do) ( ( y 10) 3(E(f07 110)]  $\frac{\partial e}{\partial \theta} E_{\theta r} \left( -\ln f(y|\theta) \right) = 0$  $\left| \frac{1}{6} \left( -\frac{36}{36} \right) \right| = 0$ OT **6** 6





$$y = \begin{pmatrix} y_1 \\ y_n \end{pmatrix}$$

$$= \begin{pmatrix} h(y) \\ p^n \end{pmatrix} = \int h(y) \cdot f(y|\theta) dy$$

 $ransum: (ov(\hat{\theta}, S) = \dots = 1$ 

$$(1)$$
  $(ovi(\hat{0},s) \leq |$ 

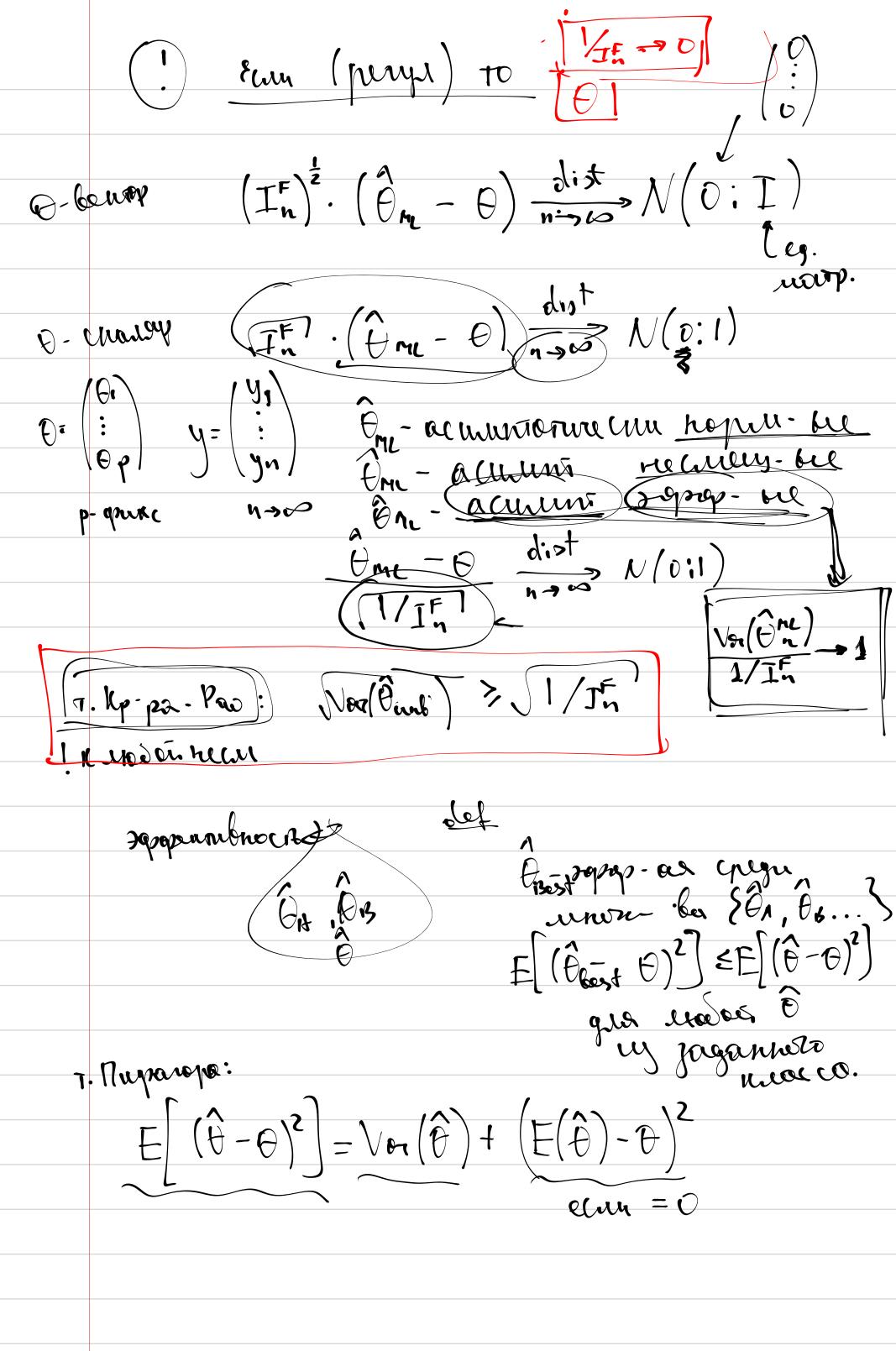
$$\frac{(\alpha^2(\theta, s))}{\sqrt{n(\theta) \cdot \sqrt{n}}(s)} \leq 1$$

$$(3) \frac{1}{V_{\infty}(\widehat{\vartheta}) \cdot V_{\infty}(s)} \leq 1$$

$$(4) \quad (5) = \frac{1}{1}$$

(!) lorga y he cur- où orgenn hellfig Chuyus Voe (ê)?

s(y10) u é elst un as jal-cor



Teopenia († 8 cm (pergn) In(Or) The first palment of new of new of  $\hat{T}^{F} = -E\left(\frac{3^{2}\ell}{3e^{2}}\right)$   $\hat{T}^{F} = -\frac{3^{2}\ell}{3e^{2}}$ han ayenur IF! (v) cho con A: J= I, (0) mocoi 5: Magnilla meyn f(y|0) se (PML) = Vor (PML) 10-0 dust N(0:1)  $\mathbf{x}(\hat{t})$ X 1.96 -1, 96 cou CI: Mary  $-1.50 \leq \frac{\cancel{\theta} \cdot \cancel{\theta}}{\cancel{se}(\cancel{\theta})} \leq 1.96$  $\Theta - 1.96 \cdot \text{se}(\hat{\theta}) \leq \Theta \leq \hat{\Theta} + 1.96 \cdot \text{se}(\hat{\theta})$ **W** bootstrap nonpabut marcus. u 1.96

