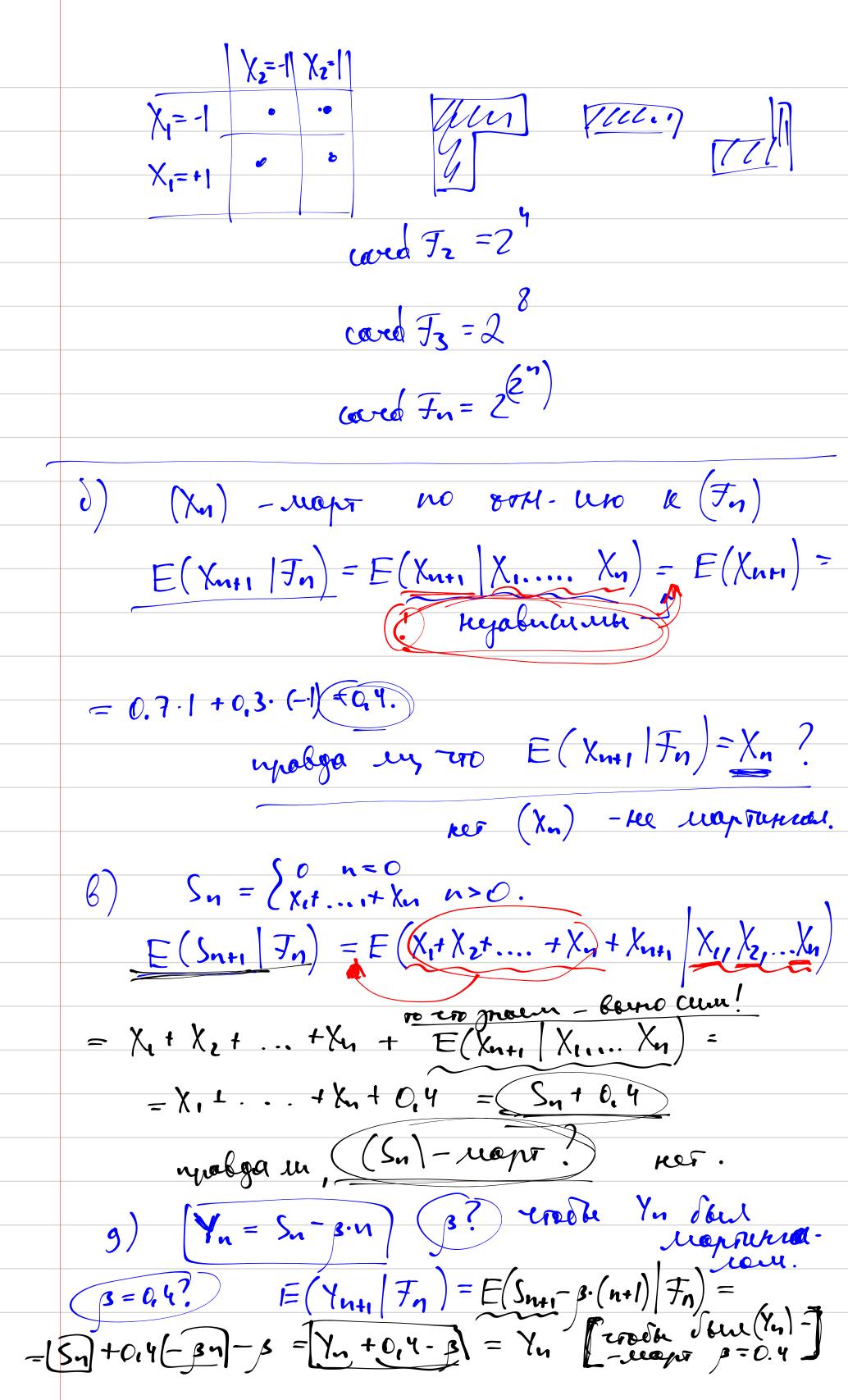
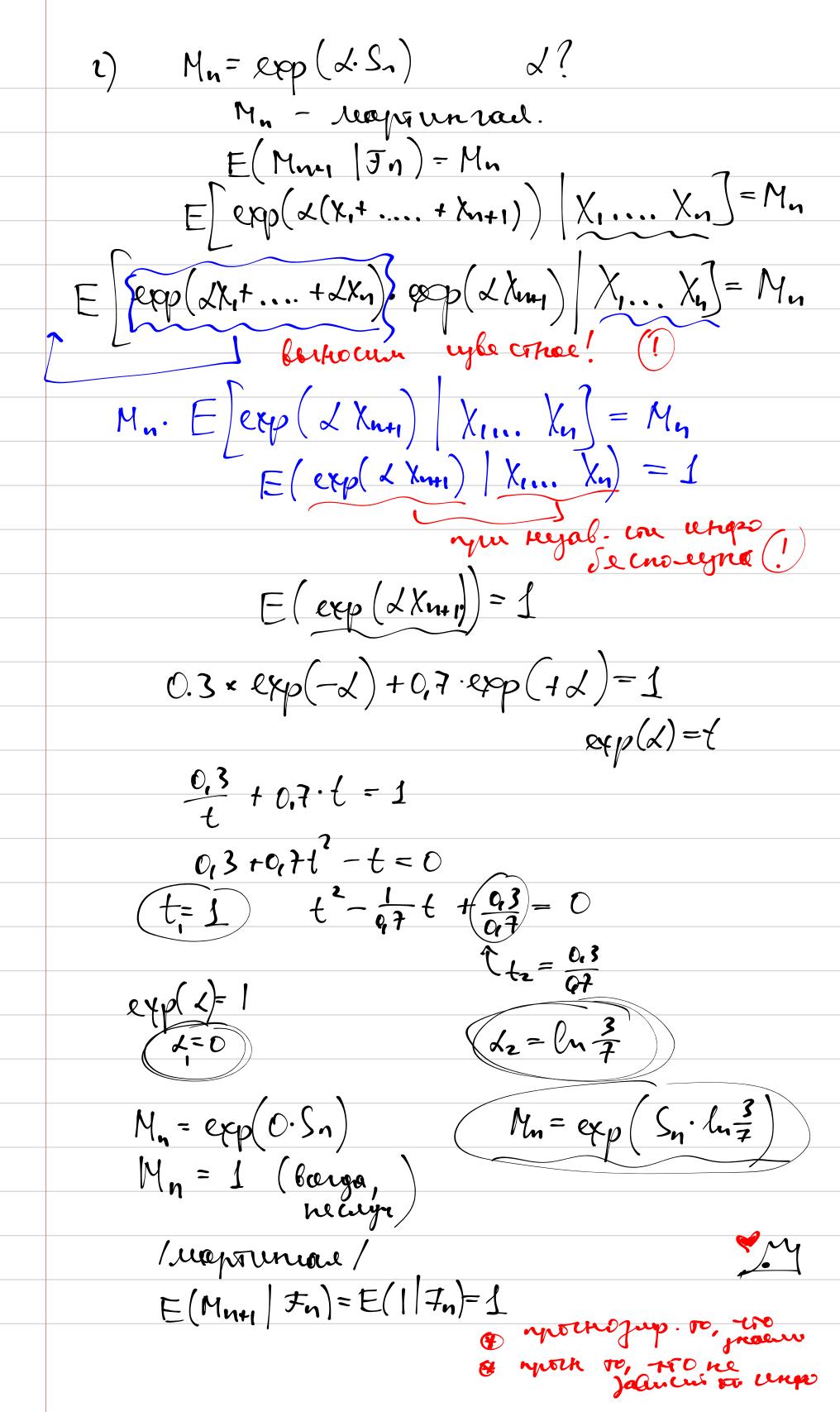
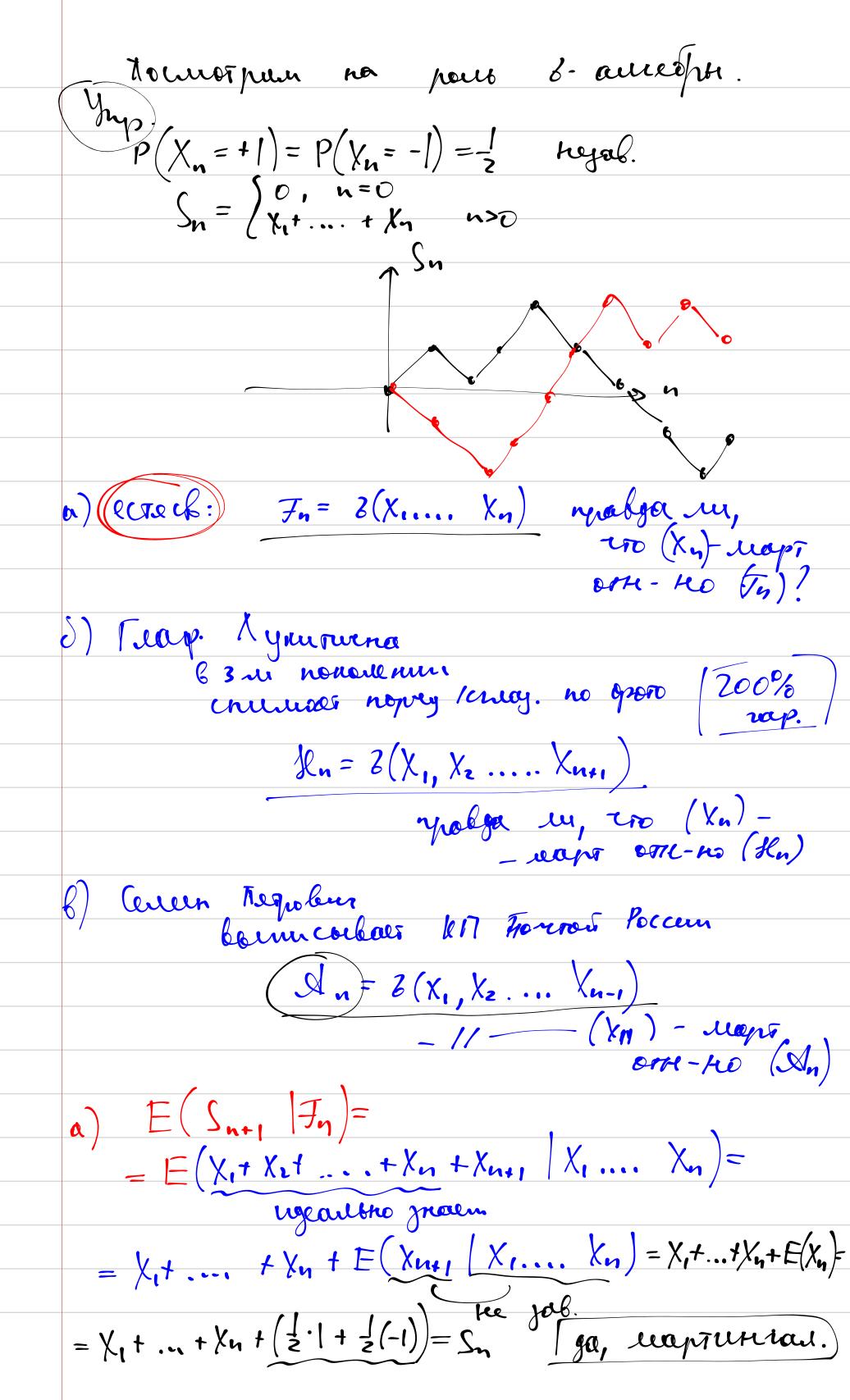
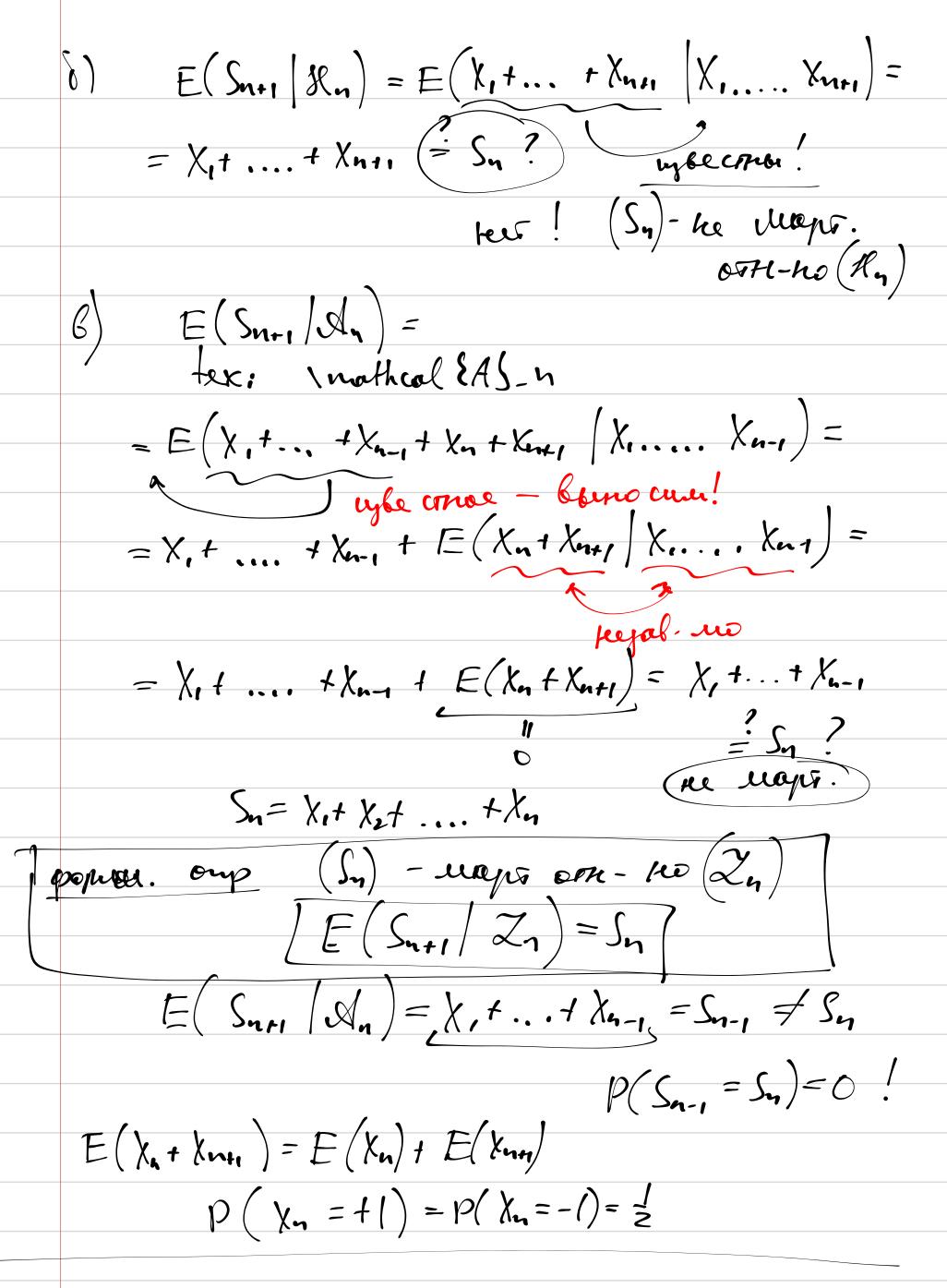
Bie byro? Cibunho? Onp. 4 € 20, 1,2,.... 3 guerquette ganorpasser - noch-476 3-aurelp. Ony con X, X, Xz... Cs. npaye (C, ro lectes bennas prento payers - 20 natural filtration Oup.  $(X_n)$  key-w waysuhranan no open k gresto mayon (Fn), econ [ E(Km, Fn) = Km Lace Kn upu. na ook. no 7m]  $y_{yp}$  X: ~ iid x - 1 + 1  $\rho(x_i = x) = 0.3 = 0.7$  $\mathcal{H}_n = \mathcal{B}(\chi_1, \chi_2, \chi_3, \chi_4, \dots, \chi_n)$ a) cuaisno cobsistent le 2. auruspe Fn?

b) mobga en , ero (Xn) - maps orn-noth)!  $\beta ) \quad \zeta_{n} = \begin{cases} 0 & n = 0 \\ \chi_{1} + \dots + \chi_{n} & n > 0 \end{cases}$ (Sn)- rope on-no (Fn)! 2) nogsepure d rod, rook  $M_n = \exp(d d_n)$ - 3 ran, 450ch /n = 5n - 8n P(X=-1)=0.3 P(xi = 11) -0.7  $\frac{F(x_{i}=+1)-C_{i}\tau}{2} = \frac{F(x_{i}=+1)}{F(x_{i}=+1)} = \frac{F(x_{$ 









hope yen. bep-ers voobre cely- ro præterne noutro cron oup- ce very yeur.  $P(Y_{tn} = \alpha_{t+1} \mid Y_t = \alpha_t, Y_{t-1} = \alpha_{t-1}, \dots Y_t = \alpha_t) =$  $= h\left(\alpha_{t}, \alpha_{t+1}\right)$ Jup. Lightenahn noyth no ognoir ny vourign. Nouloger 52 raps re = 4 macm x/3 gocs. In (7, = Ex præx replue n napr kortoger).  $\sum keyra V - ryj S \in \mathcal{F}_1$ ¿ me ma ma mo n/5 E F3 Xn-gour regol l'upa cuparoi vacru a)  $\frac{\chi_n - \mu_{opt} - \mu!}{\chi_n - \mu_{opt}}$ 7, = 86, 2, Euge d1 75, Skapra NI-KS, 5kapr v/ke 7605....  $\mathcal{F}_{L} = \{\phi, \mathcal{L}, \dots \}$ « ( Cakopi - lyacte bou ) € F5

