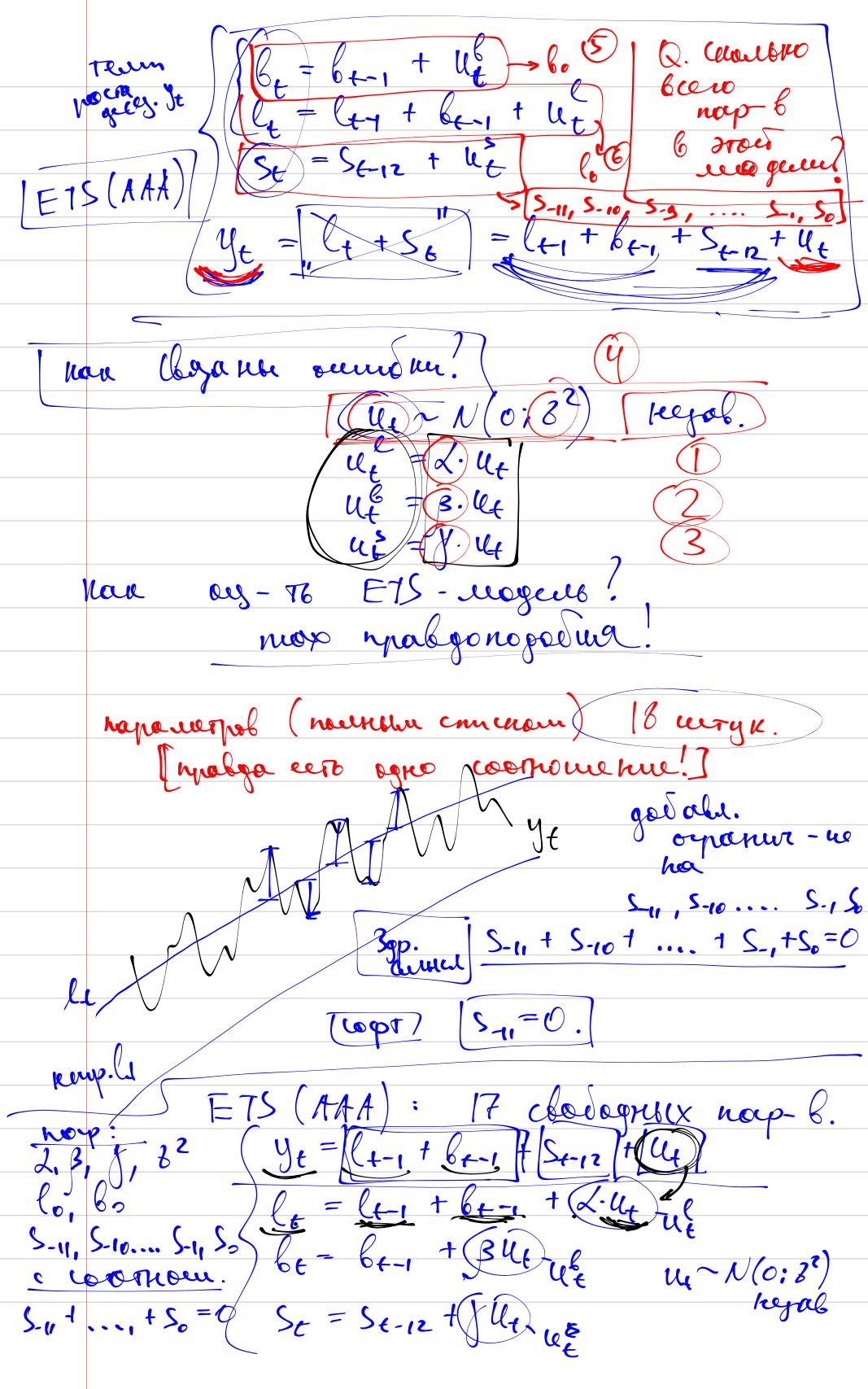
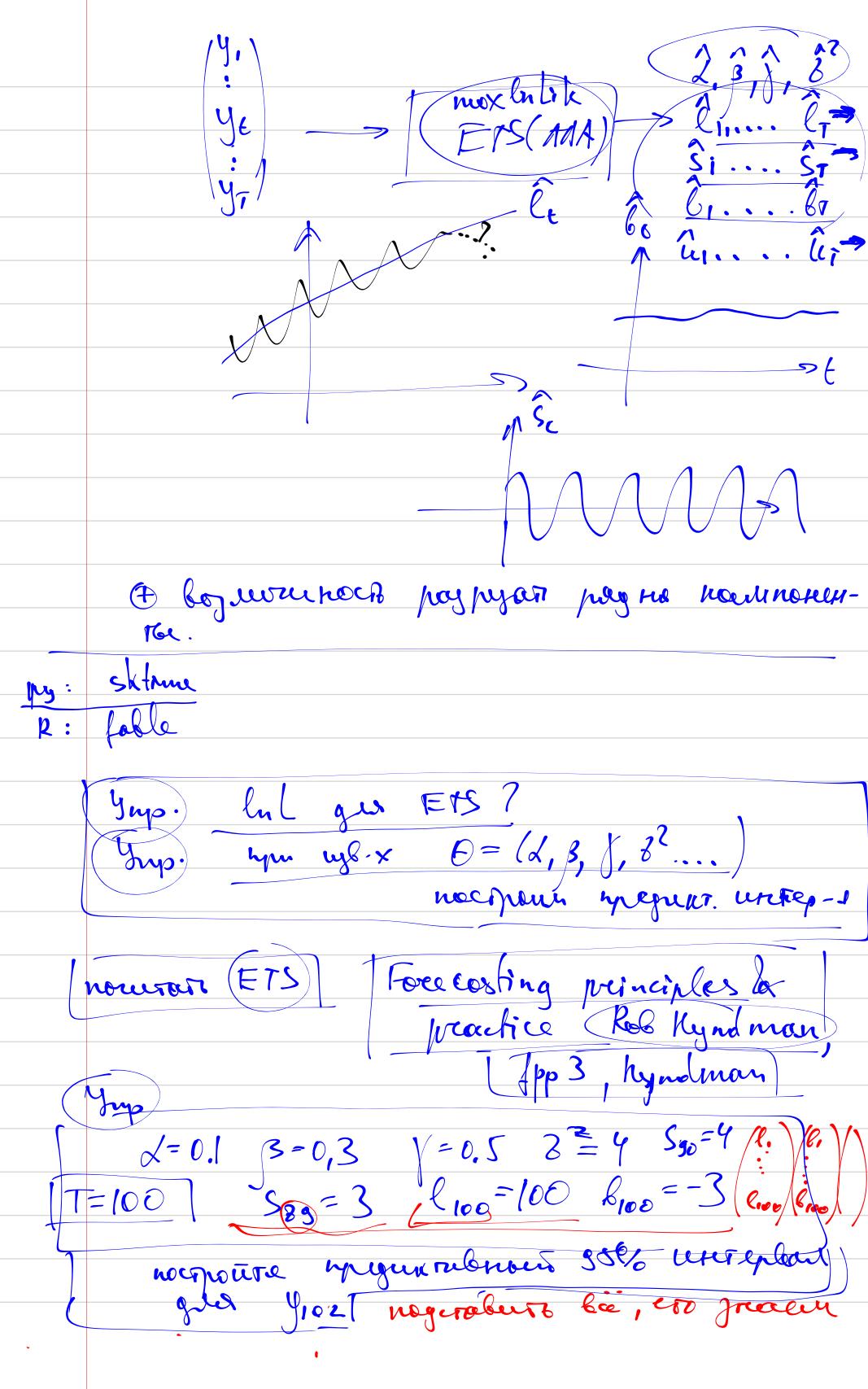
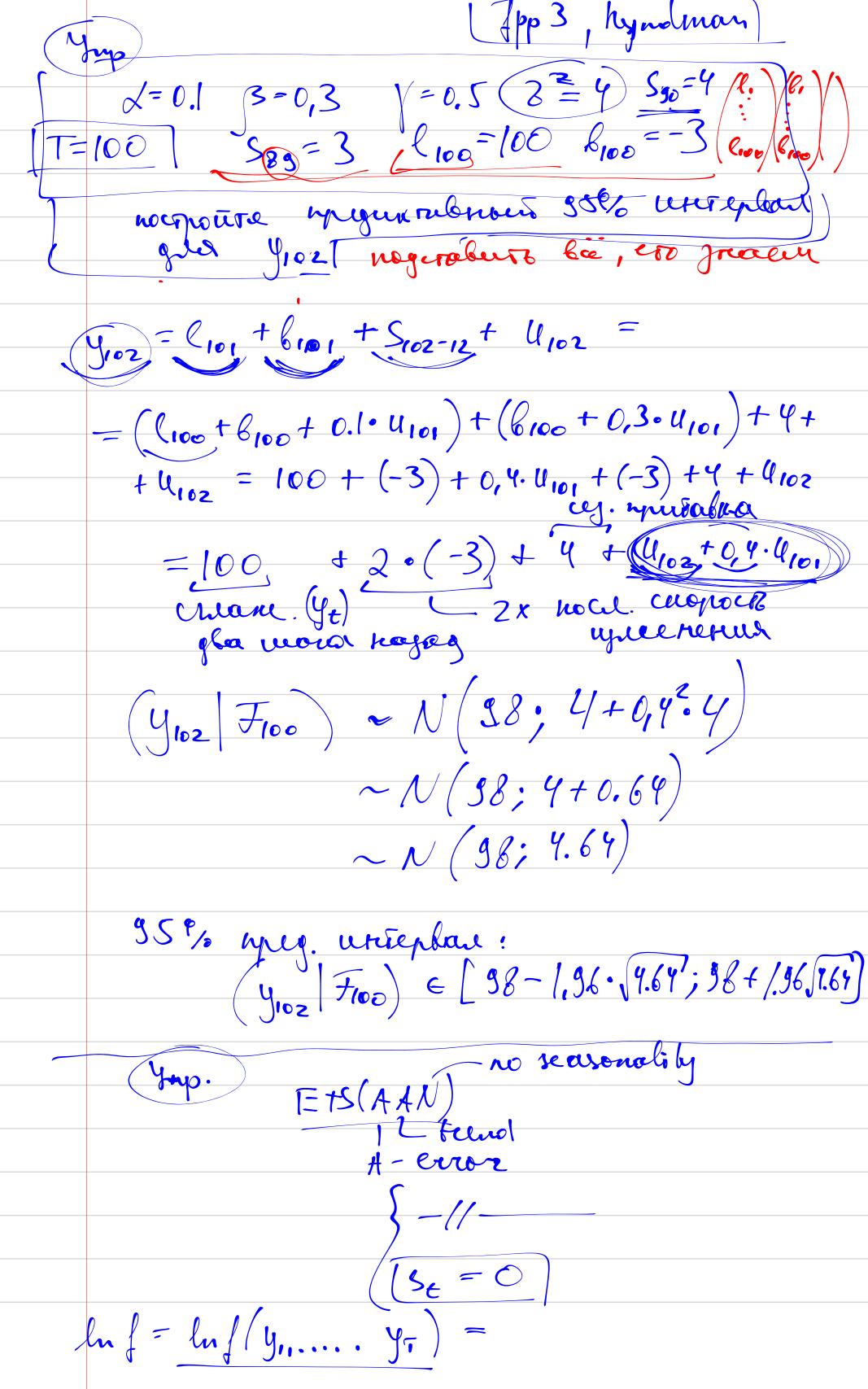
Tymber ! Cisenho m! Bregko in? Boba: ARIMA Bp. peger républe avoisse 4 Hemoxem npast. e keuptepap brysp. SARIMA (2/1)0 Dsyl = yt- y+-12  $\Delta(\Delta_S \mathcal{Y}_{\epsilon}) =$ = S(y+ - y+-12) = Zt = 9+-9+-1-9+-12+94-13 2 ~ SARHA(2,0)(0,1)[12] Zt = 0,03 - 0,6 Zt-1 = 0,08 Zt-2 + 4, +0,534-1 bygore nourwenden ondair

[ ts) (ever-trend-seaso nality) Bogensen Progy berubundet pose nounonenter Cygodkou unsepaperocyula. ETS, [+ 18tomat] - featize holymer) La rolle marita. PROPHET ORBIT (2020) ARIMA mogent-yrona Deror AM AdolThue ETS(AAA) Trend N/A/AN/Mol Adolphive Seaso notify N/A/M Additive 6 regresse 2.5.3~30 11 Ce johno 48 nocred fifther trade thois annuryed cocr-eu negretho methreter tem V Treng







P(AMBAC) = P(A) · P(B|A) · P(C|AMB) f (y, ..., y<sub>T</sub>) = f (y<sub>1</sub>). f (y<sub>2</sub> y<sub>1</sub>). f (y<sub>3</sub> y<sub>2</sub>, y<sub>1</sub>).... ln f = ln ((y,)) + (ln f (42/y,)) + ln f (43/y2, 4,)+....  $y_{t} = \begin{cases} y_{t-1}, \dots y_{1} \\ y_{t} = \begin{cases} y_{t-1} \\ y_{t-1} \end{cases} + 0 + y_{t-1} \\ 0 + y_{t-1} \\ 0 + y_{t-1} \end{cases}$ it who to so  $ln f(y_2 | y_1) = ln \frac{1}{2\pi 3^2} \cdot exp(-\frac{1}{2} \frac{(y_2 - l, -b_1)^2}{3^2})$  $= -\frac{1}{2}\ln(26) - \frac{1}{2}\ln 6^{2}$   $= -\frac{1}{2}\ln(26) - \frac{1}{2}\ln 6^{2}$   $= -\frac{1}{2}\ln(26) - \frac{1}{2}\ln 6^{2}$  $\left( y_{1} \right) = -\frac{1}{2} \ln (2i) - \frac{1}{2} \ln 3^{2} - \frac{1}{2} \frac{(y_{1} - (o - b_{2})^{2})^{2}}{2^{2}}$