

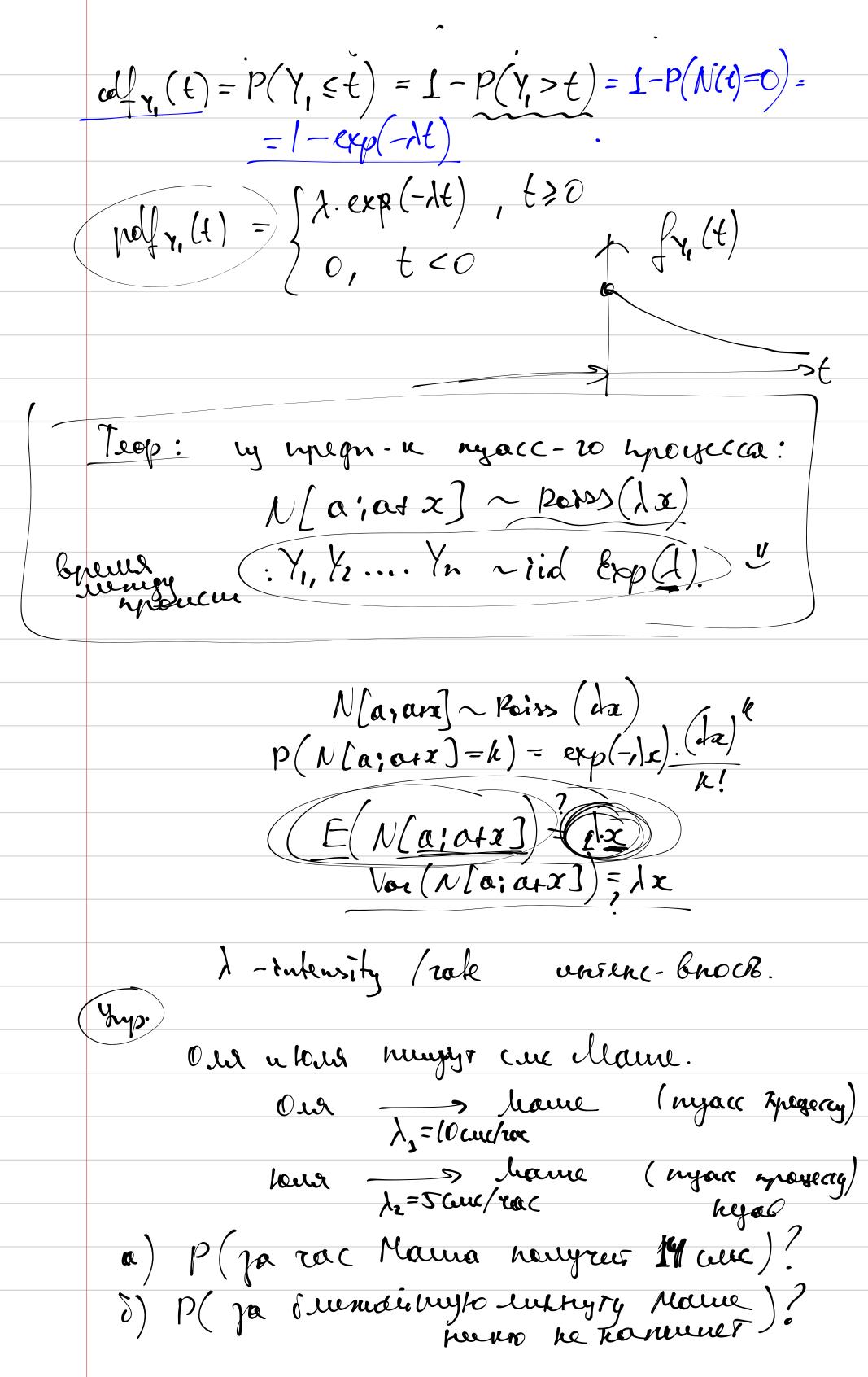
$$P(N[o;z]=0) = h_{o} \cdot \exp(-\lambda x) \qquad \text{in gamma}$$

$$P(N[o;z]=0)=1$$

$$P(N[o;x]=0) = \exp(-\lambda x) \qquad \text{if } P(N[o;x]=0) = 1-\lambda x + o(x)$$

$$P(N[o;x]=0) = 1-\lambda x + o(x) \qquad \text{otherwise}$$

$$P(N[o;x]=0) = 1-\lambda x + o(x) \qquad \text$$



lysu. ~ he hyd copy c untercuba. 3 ha u² N[5] ~ Pars (3,5) nanoù goemena ders vronopa heagnara, vroch P(xorx du agnero kyz) = 0.8? 5=@ N(0°) ~ Paiss (30°) P(N[a2] > 1) = 0,8 $p(\chi [a^2] = 0) = Q2$ $\exp(-3a^2)\cdot \frac{(3a^2)^2}{6!} = 0.2$ $-3a^2 = \ln 0.2$ 0,2= 3a2 = h5 a >0 a = lu57 $P(X \leq t) = 1 - \exp(-20t)$ $P(Y \leq t) = P(60X \leq t) = P(X \leq \frac{t}{60})$ $Y \sim \exp\left(\frac{20}{60}\right)$