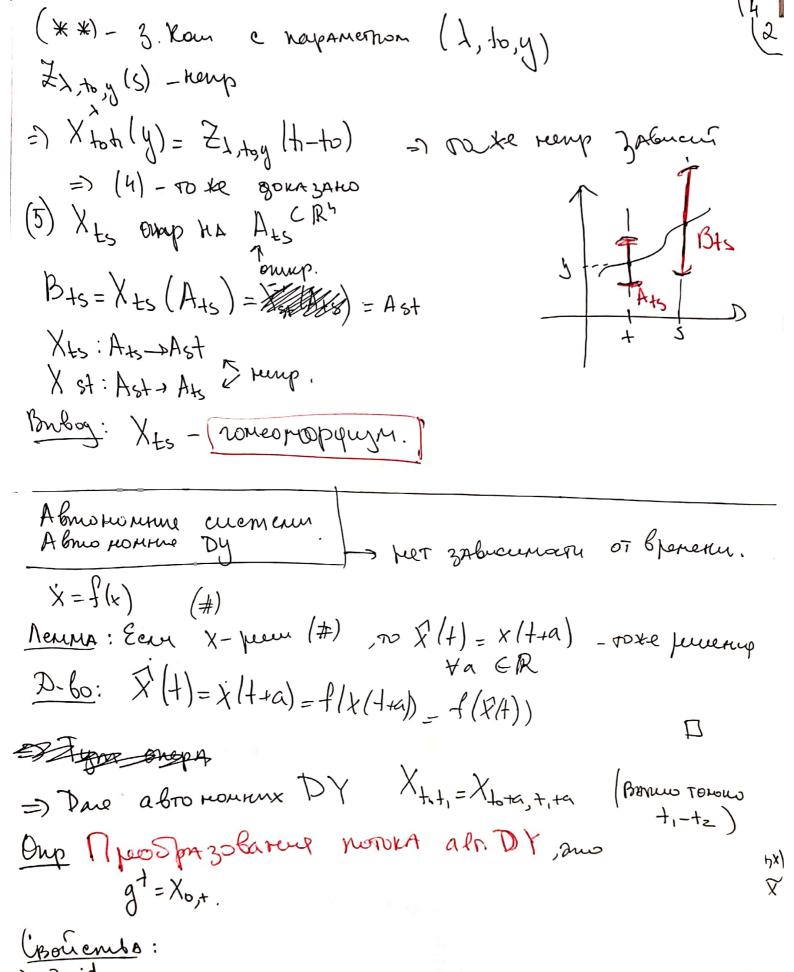
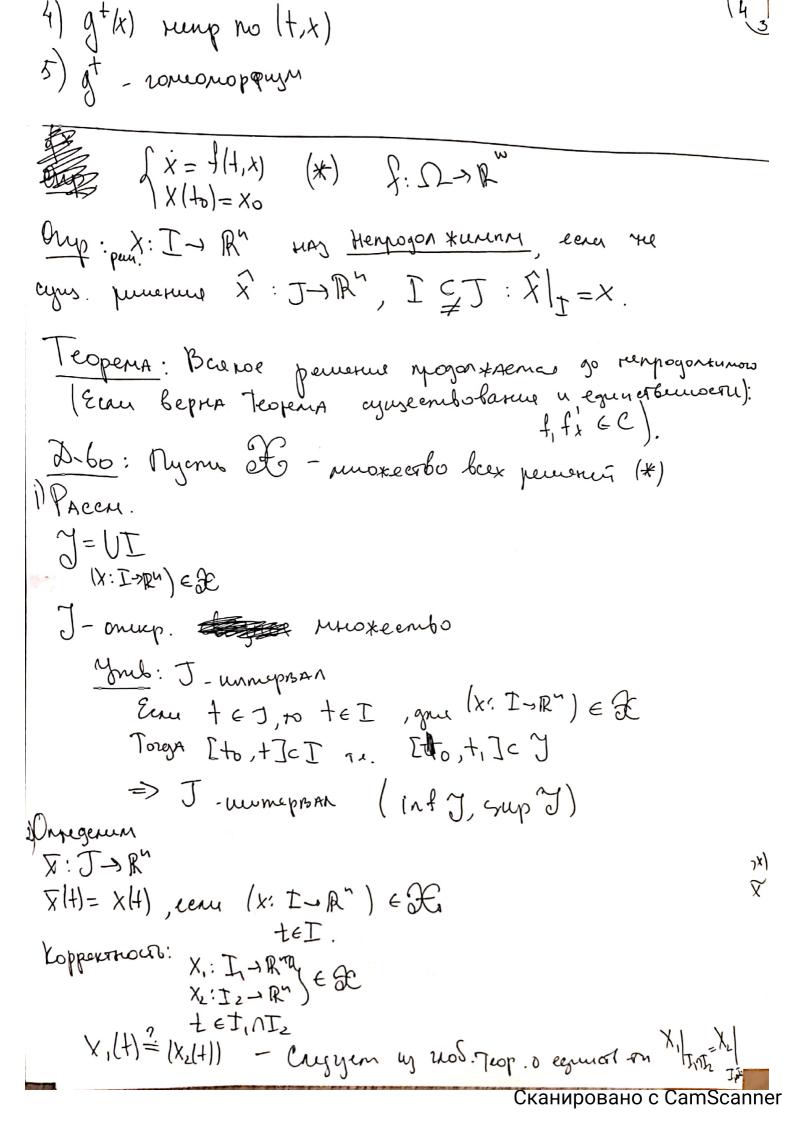


- magnera hour e napamemon (1, to, y)

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1) $g^2 = id$ 2) $g^{++} = g^{+} \circ g^{+}$ 3) $g^{-+} = (g^{+})^{-1}$ $\frac{\partial}{\partial g} = (g^{+})^{-1}$ $\frac{\partial}{\partial g} = (g^{+})^{-1}$ $\frac{\partial}{\partial g} = (g^{+})^{-1}$ $\frac{\partial}{\partial g} = (g^{+})^{-1}$ $\frac{\partial}{\partial g} = (g^{+})^{-1}$



3) $\overline{X} \in \mathcal{H}$ Eam t∈J, TO 3 (x:I>R") € 36 H ∈ I TOBA BSHKI X | B3(4) = X | B3(4) $\frac{ax}{ax}(1) = f(1, x(1)) = f(1, \overline{x}(1)).$ 4) X - tempogon xumo. Seas per, To](x: Î-1R") & D I 3 J - npo tuboperue! Teopena o mogor kumour pemerno do roatingo kompanta. KCD-KOMMANT (A.,x0) & D X: J-> R^- perpogonsumor ferrery (*) Jot < Supy: E com sup=co. (t, X(t)) & k you telt, sup) 1) sup J = +00 - orebuguo: T= max (+ (+,x) ek)

2) Sup $J=t_1 \in \mathbb{R}$ Earl $(\widetilde{\tau},\widetilde{\chi}) \in \Omega$ protoga persone sayran konsulfatt)= $\widetilde{\chi}$.

Hanonumanus empreyeno na $B_{\mathcal{T}}(\widetilde{\tau})$ $T=T(\varepsilon,\delta,M,L)$, Fide $B_{\mathcal{S}}(\widetilde{\tau}) \times B_{\varepsilon}(\widetilde{\tau} \subset \Omega)$

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=> \(\overline{y} - \rum. (*) No \bar{y} oup you $t=t_+(u)$ promo $y(t_+)$. a = tel mogon sumal permeture, the onp home Thornboperus c Ten, mo X - modorx. y. Nuremenne Dy $\dot{x} = A(t) \times + bt$ Torga bnnorrerro yerobes eyus. u eguncon Beurocon. AHIE Motorn (R) $f_{\chi} = A$. XE RN X & IK. TUNTERBAN. Teopenal: Tyons A, b & C(I). Torga bee purenue X = A(+)·X +b+ Musgon xarorci son been I 2-60: Tyers Id, BICI. PACCHOTPUM x(+)-pemering Dokaster, enco x onjedereno na bien [d, 13] (X(d) - onjedereno) | Yonepenier B > sup I nongreum The Syemol.) 2) 11 A (+111 < M > 3mores the Y+ & Id, B] -16(+) \ < B Yn (Aul ∈ M(u) M= N. max (aij (+)) Layer >+ maxl(Au); 1 < M maxlui) PERN. MODAY. 1 Aulla 114110

 $\frac{\alpha}{4\pi}\left(\|x\|^2\right)=\frac{1}{4\pi}\left(\langle x,x\rangle\right)=2\langle x,x\rangle \leqslant 2\|x\|\left(\|x+b\|\right)\leq$ < 211 X11 (M 11X11+B) # (1x1) = 1/2 (1x12) < M (1x1/2) < M (1x1/4) . Tyro Q(+) = 11 x(+)11 S(t) = e-(M+1)t R(t) $\frac{ds}{dt} = -(\tilde{M}+1)\cdot\dot{S}(t) + e^{-(\tilde{M}+1)} + \dot{R}(t) \leq e^{-(\tilde{M}+1)} + \left(-R(t)\cdot[\tilde{M}+1)\right) + e^{-(\tilde{M}+1)} + e^{-(\tilde{M}+1)}$ + k(+) m+B k < e-M+1)+(B-R(+)) < e-Part of the second of the seco (B-e@+1)+ s(H)) < e-(m+1)+ (B-e m+1)d s(H)) Bonlog: Nyero RADZA S(d)=So S,=)B.e-(M+1)d, no S(+) re moxer melsonin Max (So, Si) = 5 =) S- orposturana TOTOPA Pall = elm+1)+ S(+) < (em+1)> 5(+) Te. It he mother fearph turens Je. Romeserens brown gof.

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