



OSt GAS man xi=-ne 1 N=-72 of donc (X16)= -X1 x= X1 / \(\lambda_1 \lambda_1 \lam Xz= e m $X_2(t) = \int_{-\infty}^{\infty} e^{-t} x_1 ds + x_2$ $X_{2}(t)=-[e^{-\gamma}]_{0}^{t}$ $\lambda_{1}+\lambda_{2}=-[e^{t}-1]u_{1}+v_{2}$ donc () = (1-e-) m2 + m2 x2 (k) = (1-e-) m2 + m2 on choixt comme fonction de Lyapunov probable $\left(\frac{1}{1},\frac{1}{1}\right) = \frac{1}{2}\pi_1^2 + \frac{1}{2}\pi_1 + \frac{1}{2}\pi_1^2 + \frac{1}{2}\pi_1^2$

$$W(n_{1},n_{1})=n_{1}(-n_{1}+v)$$

$$+(n_{1}+n_{1})(-n_{1}+v+n_{1})$$

$$=-n_{1}+v(n_{1}+n_{1}+n_{1})$$

$$=-n_{1}+v(n_{1}+n_{1}+n_{1})$$

$$=-n_{1}+v(n_{2}+n_{1})$$

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