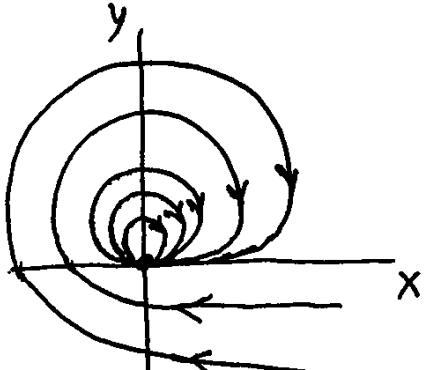


$$\begin{cases} \dot{x} = t - x \\ x(0) = 1 \end{cases} ; \quad \begin{cases} \dot{x} = y + 1 \\ \dot{y} = -2y - x + 1 \end{cases} \quad x(0) = y(0) = 0$$

$\dot{x} = A(t)x + B(t)$  အောက်ရှိနောက်လုပ်ချက်များကို ဖြတ်သနပေါ်မှု လုပ်ခဲ့ပါ။

$y_1$ ,  $(n \cdot 3 \cdot k\delta) \approx 3^k$   $(p \cdot 3^k - A, B, x \in R^n \text{ resp})$   
 $\therefore 1710 \delta > \delta \rho \approx 171,75$



?  $x=0, y=0$   $\lambda'G \rightarrow p \rightarrow P/J/J$   
 ?  $\lambda'G \rightarrow N' \rightarrow N'3$

$$\begin{cases} \dot{x} = -x + y + xy \\ \dot{y} = x - y - x^2 - y^2 \end{cases} \quad \begin{cases} \dot{x} = -x^3 + y \\ \dot{y} = -x - y^3 \end{cases}$$

19123 719281 1167P 1191P 13ND.5

$$\begin{cases} \dot{x} = (x-1)(y-1) \\ \dot{y} = xy - 2 \end{cases}$$

$$\begin{cases} \dot{x} = y \\ \dot{y} = \sin(x+y) \end{cases}$$

$x \geq 0$  /  $\int_{-\infty}^{\infty} f(x) dx = \lim_{n \rightarrow \infty} \sum_{k=1}^{n-1} f(x_k) \Delta x$

$$\text{1237 } \dot{x} = f(t, x), \quad f(t, 0) = 0, \quad x \in \mathbb{R}^n$$

λ1D: 372, 25.62, V(0)=0, λ1<λ2<λ3<λ4<λ5, V(x) ≥ 0

$\exists \delta > 0 \wedge \forall x | o(x) \leq \delta \} \rightarrow \text{B1wp}$

$$\dot{v} = \nabla v \cdot f(t, x) \leq -w(x), \quad \text{and } w(0) = 0, \quad \text{and } w \in W^{1,1}(0, T; V)$$