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Dear Professor,
Please look at my Tuesday course schedule:

14:15	IT Work Enviroment	C202
16:00		

Below are my notes about your lecture:

Let $C \subseteq [0, \infty]$ be at most countable set such that for all $t \in (0, \infty) \setminus C$ there exists $\omega_t \in (0, t)$ and $L_{2t} > 0$ such that $(t - \omega_t, t + \omega_t) \cap C = \emptyset$ and for all $s \in (t - \omega_t, t + \omega_t)$ there exists $\gamma'(t)$ and $|\gamma'(s)| \leq L_{2t}$. In addition, for some set $\Gamma \subseteq [0, \infty]$ of Lebesgue measure zero, for all $t \in (0, \infty) \setminus \Gamma$, $\langle x, \Psi(t, x) \rangle \leq \frac{2\gamma'(t)}{\delta\gamma'(t)} \|x\|^2$ for $x \in \mathbb{R}^n$ and

$$\langle x, \eta(t, x) \rangle \leq \begin{cases} -\rho\gamma(t)\|x\|^\beta, & x \in B(0, 1) \\ -\rho\gamma(t)\|x\|^2, & x \in \mathbb{R}^n \setminus B(0, 1) \end{cases}$$

for some $\rho > 0$.

With the above assumptions the origin for the differential equation (8) is globally finite-time stable. Please read it carefully and accept, if I made no mistakes.

Yours Sincerly,

Julia Vister

cc: Dean of the faculty

1 Lists

1.1 Cars

1. Honda

- (a) Brio
- (b) City
- (c) Civic
- (d) Jazz
- (e) Acord
- (f) Crider

1. Toyota

- (A) Avalon
- (B) Corolla
- (C) Camry
- (D) Crown
- (E) Prius
- (F) Yaris

1. Fiat

- (i) Uno
- (ii) Panda
- (iii) 500
- (iv) Tipo
- (v) Punto
- (vi) Brava

1. Skoda

- (a) Fabia
- (b) Octavia
- (c) Rapid
- (d) Superb
- (e) Kodiahq

1.2 Food and Colors

(i) Colors:

- ♠ Red
- ♠ Yellow
- ♠ Green
- ♠ White
- ♠ Brown

(ii) Food:

- Cake
- Fish
- Carrot
- Cucumber
- Rice

2 My Photo



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