Differential Dynamical Systems — Revised Edition (2nd Printing)

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Errors are listed by page and line number. The symbol $\Longrightarrow$ means "replace with". A negative line number means count from the bottom of the page. Each equation line is counted as one line and footnotes are not counted

The second printing (Nov 2019) of edition has 10 9 8 7 6 5 4 3 2 on the copyright page.

Ch.	Page	Line	Change	Thanks
2	39	16	the original matrix $T \Longrightarrow$ the original matrix A	USF
3	75	-8	$+\lvert f_n(y) - f(y)\rvert < \Longrightarrow +\lvert f_n(y) - f^*(y)\rvert <$	
	82	-10	For the first proof will $\Longrightarrow$ For the first proof we will	USF
	91	-13	solutions $u : J \times B_{b/2}(x_o) \to B_b(x_o)$. $\Longrightarrow$ solutions $u : J \times B_{b/2}(x_o) \to B_b(x_o)$ of (3.27).	
4	104	17	x in n-dimensional the phase $\Longrightarrow$ x in the n-dimensional phase	USF
	127	15	is, there is a surjective map $\tau : A \times \mathbb{R} \to \mathbb{R}$ that is monotone $\Longrightarrow$ is, for each $x \in A$, the map $\tau(x, \cdot) : \mathbb{R} \to \mathbb{R}$ is surjective and monotone	USF
	128	3	correspondence, and if and only if the $\Longrightarrow$ correspondence, and the	USF
	133	2	we begin with an ODE $\Longrightarrow$ we begin by taking $x^* = 0$ and with an ODE	USF
	133	15	Suppose first that H is a $\Longrightarrow$ Suppose first that $h = H_1$ is a	USF
	143	22	$t \geq T \Longrightarrow t \geq T_{max}$	DS
	154	-9	$\to \mathbb{S} \times R \Longrightarrow \to \mathbb{S} \times \mathbb{R}$	USF

Ch.	Page	Line	Change	Thanks
6	221	2	in (6.42): $= \cos(\theta) \Longrightarrow = \sin(\theta)$	GD
	221	6	$\cos^m(\theta) \Longrightarrow \cot^m(\theta)$	GD
	225	-4	$(\pm 1/\sqrt{3}, \pm 2/\sqrt{3}) \Longrightarrow (\pm 1/\sqrt{3}, \pm\sqrt{2/3})$	GD
8	289	Fig 8.12	Caption should say "top" and "bottom" instead of left and right	USF
	304	5	$\gamma_o \subset \Longrightarrow \eta_o \subset$	
	304	7	$z \in \gamma_o \Longrightarrow z \in \eta_o$	
	304	13	For any $q \in \Gamma_o \Longrightarrow$ For any $q \in \eta_o$	
	305	11	$= \varphi_t(q, \theta) + \varepsilon \Longrightarrow = \varphi_t(q) + \varepsilon$	
	306	14 (8.87)	$\frac{d}{d\varepsilon}\left(f(\psi_t(s_\varepsilon(\theta), \theta)\right) \Longrightarrow \frac{d}{d\varepsilon}\left(f(\psi_t(s_\varepsilon(\theta))\right)$	
9	327	13	(Sketch : B) $\Longrightarrow$ (Sketch of Proof)	
	330	22	We will show that action $\Longrightarrow$ We will show that the action	USF