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Erratum to the paper

The Pontryagin Minimum Principle for a strongly nonlinear two-point boundary value problem

by

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No. of correction	Page/line	Contents
1	7/8-17t.	Addresses of authors should read: Manfred Goebel Martin-Luther-Universität Halle-Wirrttemberg FB Mathematik und Informatik Insitut für Analysis Postfach, D-O-4010 Halle / Saale

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- 2 11/2t Instead of "Du Bois-Reymont" there should be "Du Bois-Reymond"
- 3 12/3t Instead of " $= g(x)$," there should be " $= g_t(x)$,"
- 4 14/3t Instead of " $y'_0(x)$ —" there should be " $y'_0(x))$ —"
- 5 14/7t Instead of " $\|a_{2\varepsilon}$ " there should be " $|a_{2\varepsilon}|$ "
- 6 15/2t Instead of " $o(\varepsilon^{1-\delta})$ " there should be " $o(\varepsilon^{1-\delta})$ "
- 7 16/1t Instead of " $(a_{1\varepsilon}$ " there should be " $[a_{1\varepsilon}$ "
- 8 16/2t Instead of " $(b_{1\varepsilon}$ " there should be " $[b_{1\varepsilon}$ "
- 9 17/1t Instead of " $y'_0(x)$ —" there should be " $y'_0(x))$ —"
- 10 18/8t Instead of "Then we" there should be "Then,"
- 11 18/7b Instead of " $o(\varepsilon)$ " there should be " $o(\varepsilon)$ "
- 12 19/7b Instead of "(1989)," there should be "(1989), 277–286."
- 13 19/3b Instead of "(1985), 5," there should be "(1989), 5, 671–685."
- 14 19/1b Instead of "submitted." there should be "(1991), 22, 67–81."
- 15 20/2t Instead of "to appear." there should be "Lect. Notes Control Inf. Sci. (1990), 143, 281–290."
- 16 20/4t Instead of "Verlagges.," there should be "Verlagsges.,"
- 17 20/4t Instead of "(1992)" there should be "(1993)"
- 18 20–21 Summary in Russian language should read

Принцип минимума Понтрягина для сильно нелинейной двухточечной задачи

В работе представлено необходимое условие оптимальности в виде принципа минимума Понтрягина для задачи оптимального управления с сильно нелинейным обыкновенным дифференциальным уравнением второго порядка и однородными граничными условиями Дирихле. В доказательстве используется стандартный подход с игольчатой вариацией управления и обобщенная функция Грина для решения линейной двухточечной задачи.

