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<td>submitted</td>
<td>26 pp.</td>
<td>2018</td>
<td></td>
</tr>
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| 51 | G. Colombo, M. Palladino | The minimum time function for the controlled Moreau’s sweeping process | SIAM J. Control | 54 | 2016 | 2036-2062.
| 46 | G. Colombo, Khai T. Nguyen, Luong V. Nguyen | Non-Lipschitz points and the SBV regularity of the minimum time function | Calc. Var. PDE’s | 51 | 2014 | 439-463.
| 45 | G. Colombo, V. V. Goncharov | Brownian motion and exposed solutions of differential inclusions (Dedicated to A. Cellina for his 70th birthday) | NoDEA | 20 | 2013 | 323-343.
| 44 | G. Colombo, Khai T. Nguyen | On the minimum time function around the origin | Mathematics of Control and Related Fields | 3 | 2013 | 51-82.
| 41 | G. Colombo, M. Fečkan, B. M. Garay | Inflated deterministic chaos and Smale’s horseshoe | J. Difference Eq. Applic. | iFirst article | 2011 | 1-18, DOI: 10.1080/10236198.2010.510139.
| 34 | G. Colombo, A. Marigonda, P. Wolenski | Some new regularity properties for the minimal time function | Siam J. Control | 44 | 2006 | 2285-2299.
| 32 | G. Colombo, P. R. Wolenski | Variational analysis for a class of minimal time functions in Hilbert spaces | J. Convex Analysis | 11 | 2004 | 335-361. |


PROCEEDINGS


D) G. Colombo, P.R. Wolenski, Subdifferential and regularity properties of the minimum time function: an analysis for a constant dynamics in finite dimensions, Proceedings of the Conference on Decision and Control, Las Vegas (2002), 1117-1122.

E) G. Colombo, P.R. Wolenski, The subgradient formula for the minimal time function with linear dynamics and convex target, Proceedings of the IFAC Conference on Intelligent control systems and signal processing, Faro (2003), 6 pp.


LECTURE NOTES:

I) G. Colombo, Notes on differential equations under Carathéodory conditions (from the lectures delivered at S.I.S.S.A., academic year 1989-90), S.I.S.S.A., SEPTEMBER 1990 (62 pp.).

OTHER PUBLICATIONS: