

The proof of Proposition 4.4 given at page 1649 is not correct. Indeed, the curve $t \mapsto \Gamma^j(t, x)$ does not solve any ODE and hence it is not clear why it should be Lipschitz. The claim of the Proposition is anyway correct and one can give a proof using the same ideas of the paper. I have made this same mistake in the paper

DE LELLIS, C

Notes on hyperbolic systems of conservation laws and transport equations.

Handbook of differential equations: evolutionary equations.

Vol. III, 277382, Handb. Differ. Equ., Elsevier/North-Holland, Amsterdam, 2007.

You can find the proof on the webpage with all my publications (“Errata to “Notes on hyperbolic systems of conservation laws and transport equations””).

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