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**Marius Mitrea\*** ([marius@math.missouri.edu](mailto:marius@math.missouri.edu)), Department of Mathematics, University of Missouri-Columbia, Columbia, MO 65211. *Clifford algebras, differential forms and compensated compactness on Lipschitz domains.*

We present a new approach to compensated compactness results, within the Clifford algebra setting, which allows the ambient space to be a Lipschitz surface, rather than the flat Euclidean space, as previously considered. (Received September 10, 2006)