



GEOMETRY SESSION

Einstein submanifolds with parallel mean curvature in product spaces

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14h40 - 15h20

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Abstract.

In this work, we provide a classification of Einstein submanifolds in product spaces $\mathbb{Q}_\epsilon^n \times \mathbb{R}$, with flat normal bundle and parallel mean curvature vector field. This extends a previous result due to Leandro, Pina and dos Santos (Bull. Braz. Math. Soc., 2020) for Einstein hypersurfaces in such ambient space. This is a joint work with Estela Garcia.