

Detecting codimension one manifold factors with the plentiful piecewise embedded disks property

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Abstract. In this presentation it will be shown that if X is a homology n -manifold, $n \geq 4$, having the plentiful piecewise embedded disks property, then the product of $X \times \mathbb{R}$ has the disjoint disks property. Applications to locally spherical spaces of dimension $n \geq 4$ will be discussed.