## HARMONIC MAPS AND THE TOPOLOGY OF MANIFOLDS WITH POSITIVE SPECTRUM AND STABLE MINIMAL HYPERSURFACES

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Abstract \_\_\_\_

In this paper, we prove two Liouville theorems for harmonic maps and apply them to study the topology of manifolds with positive spectrum and stable minimal hypersurfaces in Riemannian manifolds with non-negative bi-Ricci curvature.

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 $Key\ words.$  Liouville theorems, harmonic maps, topology, manifolds, spectrum, minimal hypersurfaces.

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