
Higher-power harmonic maps and sections

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The variational theory of higher-power energy is developed for mappings between Riemannian manifolds and sections of submersions of Riemannian manifolds, and applied to sections of Riemannian vector bundles and their sphere subbundles. A complete classification is given for left-invariant vector fields on 3-dimensional unimodular Lie groups equipped with an arbitrary left-invariant Riemannian metric.

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