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A remark on harmonic maps between pseudo-Riemannian spheres. (English) Zbl 0863.58019
Northeast. Math. J. 12, No. 2, 217-221 (1996).

Summary: Only finitely many harmonic maps between pseudo-Riemannian spheres were constructed by *J. J. Konderak* [Proc. Am. Math. Soc. 109, No. 2, 469-476 (1990; Zbl 0713.58009)]. In this paper, we construct infinitely many new harmonic maps between pseudo-Riemannian spheres, from which we determine the isometric extremal immersions as generalizations of the famous Boruvka spheres.

MSC:

58E20 Harmonic maps, etc.

Cited in 1 Document

Keywords:

Boruvka sphere; harmonic maps; pseudo-Riemannian spheres; isometric extremal immersions