

Foertsch, Thomas; Schroeder, Viktor

Products of hyperbolic metric spaces. (English) Zbl 1048.53027
Geom. Dedicata 102, 197-212 (2003).

The authors consider a pair of proper geodesic hyperbolic metric spaces, (which they define and motivate in the second section of their paper), and give a general procedure for the construction of a ‘hyperbolic product’ of these spaces which is itself a proper geodesic hyperbolic metric space. Contents include: an introduction; preliminaries (which include discussions of hyperbolicity, T -functions, the boundary at infinity and Busemann functions, and a Morse estimate); the hyperbolic product; and the boundary at infinity.

Reviewer: [Joseph D. Zund \(Las Cruces\)](#)

MSC:

[53C21](#) Methods of global Riemannian geometry, including PDE methods; curvature restrictions

Cited in **1** Review
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Keywords:

[hyperbolic metric space](#); [hyperbolic product](#)

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