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The marked length spectrum of surfaces without conjugate points. (Le spectre marqué des longueurs des surfaces sans points conjugués.) (French) [Zbl 0901.58065](#)

C. R. Acad. Sci., Paris, Sér. I 309, No. 9, 621-624 (1989).

Summary: We show how to adapt the methods of Jean-Pierre Otal to prove the marked length spectrum conjecture in the case where one metric has no conjugate points and the second metric has curvature ≤ 0 with the set where the curvature is 0 having empty interior.

MSC:

[58J50](#) Spectral problems; spectral geometry; scattering theory on manifolds

[53C20](#) Global Riemannian geometry, including pinching

Cited in **3** Documents

Keywords:

marked length spectrum conjecture; no conjugate points