

Riemann flows and solitons

Constantin Udriste and Ali Sapeeh Rasheed

The Riemann flow, as a new evolution problem in Riemannian geometry, was described recently in our papers [1], [2]. This paper is dedicated to posynomial Riemann solitons and their simulation by Maple tools.

AMS Subject Classification: 58J35, 58J45, 53C44.

[1] C. Udriste, Riemann flow and Riemann wave, *Analele Universitatii de Vest, Timisoara, Matematica-Informatica*, 48, 1,2 (2010), 265-274.

[2] I. E. Hirica, C. Udriste, Ricci and Riemann solitons, *Balkan Journal of Geometry and Its Applications*, 2, 21 (2016), 35-44.