

Ryszard Deszcz
Wrocław University of Environmental and Life Sciences
Grunwaldzka 53, 50-375 WROCLAW, POLAND
E-mail: rysz@ozi.ar.wroc.pl

ON A PARTICULAR CLASS OF WARPED PRODUCTS WITH FIBRES LOCALLY
ISOMETRIC TO GENERALIZED CARTAN HYPERSURFACES

Abstract. We prove that every generalized Cartan hypersurface satisfies the Roter type equation. Using this fact, we construct a particular class of generalized Robertson-Walker spacetimes.

This poster is based on the paper

R. Deszcz and M. Scherfner, *On a particular class of warped products with fibres locally isometric to generalized Cartan hypersurfaces*, Colloquium Math., in print.