

Year: 2021

Vol.: 98

Fasc.: 3-4

Title: Finsler spaces of (α, β) type and semi-C-reducibility

Author(s): Mike Crampin

I clarify the definition of semi-C-reducibility for Minkowski norms and Finsler spaces, and give a streamlined proof of the fact that in dimension at least four a Landsberg semi-C-reducible space is a Berwald space. I then examine in some detail the argument that shows that a Minkowski norm of (α, β) type is semi-C-reducible, and discuss the conditions for a Finsler space of (α, β) type to be a Berwald space in the light of that result.

Address:

Mike Crampin
Orchard Rising
Herrings Lane
Burnham Market
Norfolk
United Kingdom