Year: 2015 | Vol.: 87 | Fasc.: 3-4

Title: Rizza-negativity of holomorphic vector bundles

Author(s): Haripamyu and Tadashi Aikou

In the present paper, we shall introduce the notion of Rizza-negativity of complex Finsler structures, and we show that Rizza-negativity implies the negativity of holomorphic vector bundles, i.e., the ampleness of its dual E^* . Further we shall show that any Rizza-negative Finsler structure induces a Griffiths-negative Hermitian structure.

Address:

Haripamyu Department of Mathematics and Computer Sciences Graduate School of Science and Engineering Kagoshima University Korimoto 1-21-35 Kagoshima 890-0065 Japan and Department of Mathematics Faculty of Mathematics and Natural Sciences Andalas University Padang, Sumatera Barat 25163 Indonesia

Address:

Tadashi Aikou Department of Mathematics and Computer Sciences Graduate School of Science and Engineering Kagoshima University Korimoto 1-21-35 Kagoshima 890-0065 Japan