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Kamada metric; 5.3. Twistor space of Tod-Kamada metric; 6. Twistor theory for indefinite self-dual metric on R^4 ; 6.1. Model case; 6.2. Deformation of the twistor correspondence; Bibliography; A dynamical systematic aspect of horocyclic circles in a complex hyperbolic space Toshiaki ADACHI; 1. Introduction; 2. Circles on a complex space form; 3. Sasakian magnetic fields; 4. Extrinsic circular trajectories; 5. Other trajectories for Sasakian magnetic fields; Bibliography
Volume densities of trajectory-balls and trajectory-spheres for Kahler magnetic fields Pengfei BAI

Sommario/riassunto

This volume consists of contributions by the main participants of the 3rd International Colloquium on Differential Geometry and its Related Fields (ICDG2012), which was held in Veliko Tarnovo, Bulgaria. Readers will find original papers by specialists and well-organized reports of recent developments in the fields of differential geometry, complex analysis, information geometry, mathematical physics and coding theory. This volume provides significant information that will be useful to researchers and serves as a good guide for young scientists. It is also for those who wish to start investigat
