

Seminář z diferenciální geometrie pokračuje 26.10.2020 od 10:00 online na platformě MS Teams

Připojení ke schůzce [ZDE](#).

Keegan Flood (náš nový výzkumný pracovník, Masarykova univerzita):

The geometry of a certain class of singular solutions to the c -projective metrization equation

Abstrakt:

A nondegenerate solution to the c -projective metrization equation is equivalent to a quasi-Kähler metric that is compatible with the c -projective class. By replacing this nondegeneracy condition on a solution to the metrization equation with a nondegeneracy condition on its prolonged system we get a curved orbit decomposition of the underlying manifold where the open orbits inherit quasi-Kähler metrics and the closed orbits inherit CR-structures of hypersurface type. We may also examine the analogue of these considerations in the setting of projective geometry.