

Analele Universității București, Matematică
Anul LII, Nr. 1(2003), pp. 49–54

An extension of Erlangen Program

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November 2, 2001

Abstract : It is clarified a contradictory form of defining the Projective Group used by the old books of Geometry and, as consequence, it is proposed an extension of the structural group of Erlangen Program Geometry to a structural pseudogroup.

Key words and phrases : homographic transformation, (pseudo)group of transformations on a manifold, geometry on a manifold.

Mathematics Subject Classification (2000) : 51N25, 51N30, 53A20, 53A55.