
0997.51004

Tyszka, Apoloniusz

Discrete versions of the Beckman-Quarles theorem from the definability results of R. M. Robinson. (English)

Algebra, geometry and their applications. Seminar proceedings, Yerevan State University, Yerevan, Armenia. Vol. 1, 2001. Yerevan: Yerevan State University Press. 88-90 (2001). [ISBN 5-8084-0352-9/pbk]

There is given a different proof for the main results in a previous paper by the same author [Aequationes Math. 59, 124-133 (2000; [Zbl 0948.51014](#))]. The novelty is due to an old result of *R. M. Robinson* [Binary relations as primitive notions in elementary geometry, in: The axiomatic method (L. Henkin, P. Suppes and A. Tarski, eds.), North-Holland, Amsterdam, 68-85 (1959; [Zbl 0088.36901](#))].

Mihai Cipu (București)

Keywords : isometry; existentially definable

Classification :

***51M05** Euclidean geometries (general) and generalizations

03B30 Foundations of classical theories

[Cited in ...](#)