THE CONSTRUCTION OF CORPS IN
A AFFINE PLANE

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Abstract

The present paper aims to build the algebraic structure of a corps (a division unitary ring) from a affin plane what do you want. This construction will do only with the help of two bijections (which will call and collineations) in affine plane. For this construction, after having built affine plane, we will have an extra axiom. So we will distinguish only two bijections and we will see how only with two bijections and with four axioms of affine plane we will build a algebraic structure of a corps.

Keywords: *affine plane, corps, bisections*