

**ω -STABLE TRIGONOMETRIES
ON A PROJECTIVE PLANE***S. V. Sudoplatov*

Using the well-known Hrushovski construction, we prove that, for every countable group G , there exists an ω -stable trigonometry of the group G^* F_ω , where F_ω is the free group of countable rank, on a non-Desarguesian projective plane. We also suggest a new approach to constructing generic models.

Key words and phrases: trigonometry of a group, projective plane, ω -stable theory, generic trigonometry.

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