

SOME ASPECTS OF MEASURABILITY OF SETS IN VARIOUS SET-THEORETICAL MODELS

Mariam Beriashvili

I.Vekua Institute of Applied Mathematics of Iv. Javakhishvili Tbilisi State University, Tbilisi, Georgia
mariam_beriashvili@yahoo.com

We consider various paradoxical point sets which have an extra-ordinary descriptive structure. We study the measurability properties of such pathological sets in some set-theoretical models. In particular, we study measurability properties of Hamel bases and projective sets in models of ZFC and, especially, in Gödel's Universe L ([1],[2],[3]). Moreover, we discuss projective hierarchy and large cardinals [1].

References

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