

**ON MODEL-THEORETICAL PROPERTIES IN
THE SENSE OF PERETYAT'KIN, \mathfrak{o} -MINIMALITY,
AND MUTUALLY INTERPRETABLE THEORIES**

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We prove that \mathfrak{o} -minimality is not a model-theoretical property in the sense of Peretyat'kin. We also prove that existence of a prime models need not be preserved under a passage between mutually interpretable theories.

Key words and phrases: model-theoretical properties, mutually interpretable theories.

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