

ON THE INDEPENDENCE PROPERTY OF FIRST ORDER THEORIES AND INDISCERNIBLE SEQUENCES

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We refute the strong version of Shelah's conjecture about models of large cardinalities, the independence property, and indiscernible sequences. We find necessary and sufficient conditions for a theory to lack the independence property and present applications of these conditions.

Key words and phrases: the independence property, indiscernible sequence, the theory of a linearly ordered set, the theory of a tree.

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