

1077-03-2963

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The end of the inner model program: ultimate L or not ultimate L

The Inner Model Program is the search for generalizations of Gödel's L which are compatible with the existence of large cardinals. There have been a series of notable successes in this program and arguably these successes provide some of our deepest insights into the nature of strong axioms of infinity. Supercompact cardinals quickly emerged 40 years ago as the principal target for the Inner Model Program and are just beyond the level of large cardinals that the current theory can handle (assuming iteration hypotheses). In an unexpected turn of events it is now known that (subject to very general constraints) the solution to the inner model problem for exactly one supercompact cardinal must yield the "final" inner model, ultimate L . Thus the inner model program will either end in ultimate triumph or it will end in ultimate failure with the latter resulting from an "anti" inner model theorem. Which future does the subject face? (Received October 06, 2011)