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Regular cardinals in models of ZF. (English) Zbl 0589.03033
Trans. Am. Math. Soc. 290, 41-68 (1985).

Summary: We prove the following Theorem: Suppose M is a countable model of ZFC and κ is an almost huge cardinal in M . Let A be a subset of κ consisting of nonlimit ordinals. Then there is a model N_A of ZF such that \aleph_α is a regular cardinal in N_A iff $\alpha \in A$ for every $\alpha > 0$.

MSC:

[03E55](#) Large cardinals
[03C62](#) Models of arithmetic and set theory

Cited in **10** Documents

Keywords:

models of set theory; countable model of ZFC; almost huge cardinal; nonlimit ordinals; regular cardinal

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