

Meeting: 1007, Santa Barbara, California, SS 7A, Special Session on Representation Theory of Algebras (in Honor of Claus Michael Ringel)

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Set-theoretic methods in tilting theory.

We survey some set-theoretic techniques which can be applied to the tilting theory of infinitely generated modules over general rings. Many of the applications are theorems of ZFC; others may require an additional set-theoretic hypothesis. (Received February 15, 2005)