1007-16-130 **Paul C. Eklof*** (`peklof@math.uci.edu`), Mathematics Department, Irvine, CA 92697-3875.
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)