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S. Ole Warnaar* (o.warnaar@maths.uq.edu.au), Mathematics, The University of Queensland, Brisbane, QLD 4072, Australia. *Branching rules and q-series*. Preliminary report.

In the first part of this talk I will discuss various symmetric functions from the point of view of branching rules. The simplest example of such a rule is the well known definition of the Schur function as a sum over semi-standard Young tableaux.

In the second part of the talk I will apply symmetric functions and their branching rules to the study of q-series on root systems. (Received February 02, 2009)