1022-05-83   **Peter R. W. McNamara*** (`pm040@bucknell.edu`), Department of Mathematics, Bucknell University, Lewisburg, PA 17837, and **Stephanie van Willigenburg** (`steph@math.ubc.ca`), Department of Mathematics, The University of British Columbia, Room 121, 1984 Mathematics Road, Vancouver, BC V6T 1Z2, Canada. *A combinatorial classification of skew Schur functions.*

We present a single operation for constructing skew diagrams whose corresponding skew Schur functions are equal. This combinatorial operation naturally generalizes and unifies all results of this type to date. Moreover, our operation suggests a closely related condition that we conjecture is necessary and sufficient for skew diagrams to yield equal skew Schur functions. (Received September 09, 2006)

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