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On the Delta Conjecture at $q = 1$

The Delta Conjecture of Haglund, Remmel, and Wilson gives a combinatorial interpretation for the symmetric function $\Delta_{e_k} e_n$. We will prove this conjecture at $q = 1$. Doing so will give a general approach for computing Delta operator expressions at $q = 1$, and we will explore some of the structures that arise.