The Algorithm Z and Ramanujan's $_1\psi_1$ Summation

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Abstract: We use the Algortihm Z on partitions due to Zeilberger, in a variant form, to give a combinatorial proof of Ramanujan's $_1\psi_1$ summation formula.

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Keywords: Algorithm Z, Ramanujan's $_1\psi_1$ summation, bijection, partition

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