
* Princeton Discrete Math Seminar *

Date: Wednesday, April 6, 2:15 in Fine Hall 224

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The nature of partition bijections

Abstract

A combinatorial approach to partition identities was initiated by Sylvester and has been a great success, proving a number of classical and recent identities. On the other hand, a number of important partition identities (such as Rogers-Ramanujan identities) do not seem to have a "nice" bijective proof. Whether such bijections exist remained an important challenge.