

1145-11-1968

Ali K Uncu* (akuncu@risc.jku.at), Altenbergerstrasse 69, 4040 Linz, Austria, and **Alexander Berkovich**, 1400 Stadium Rd, Gainesville, FL 32601. *Polynomial Identities Implying Capparelli's Partition Theorems.*

We will present and prove new polynomial identities that imply Capparelli's partition theorems. We will then move onto the implications of this work. This will include Slater type q -series identities, other identities involving q -trinomials, etc. (Received September 24, 2018)