

**Title:** Searching for Strange Hypergeometric Identities with Sheer Brute Force

**Abstract:** We give two new infinite families of closed form evaluations of  ${}_2F_1$  hypergeometric series using sheer brute force. This work was inspired by an intriguing question posed by John Greene (to find a one-parameter family generalizing the exact evaluation, in terms of the Gamma function evaluated at rational arguments, of  ${}_2F_1(\frac{1}{4}, \frac{3}{4}; 1; -\frac{1}{63})$ ) that unfortunately we were unable to answer.

**A Joint work with Doron Zeilberger**