

1092-94-181

**Roxana Smarandache\*** (rsmarand@nd.edu), University of Notre Dame, Notre Dame, IN 46556.

*Pseudocodewords obtained from permanents and Bethe-permanents.*

It was recently conjectured that a vector with components equal to the Bethe permanent of certain submatrices of a parity-check matrix is a pseudocodeword. In this talk we look at certain cases for which this is true and investigate the families of pseudocodewords obtained. (Received August 08, 2013)