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Binghamton University (SUNY), Binghamton, NY 13902-6000. *Complementary matroid Whitney numbers*. Preliminary report.

Whitney numbers of complementary submatroids of a fixed matroid obey supermodular inequalities. This was first noticed by Pitteloud (2004) for the matroids of complementary subgraphs of the complete graph. (Received January 31, 2012)