1016-13-311   **Neil Epstein*** (`neilme@umich.edu`), Department of Mathematics, 2074 East Hall, 530 Church St., Ann Arbor, MI 48109. *Matroids arising from certain closure operations on ideals.*

I will discuss some cases where matroids (infinite, with finite basis condition) arise naturally when considering an ideal, a closure operation, and the set of ideals which have the same closure as the given ideal. This opens up a wide range of combinatorial tools for dealing with closure operations for which this situation occurs. (Received February 14, 2006)