

1116-13-1147

Janet Vassilev* (jvassil@math.unm.edu), Department of Mathematics and Statistics,
University of New Mexico, Albuquerque, NM 87131. *Interior operations on the set of ideals of a
ring*. Preliminary report.

In a recent paper, Epstein and Schwede introduced the tight interior operation which is defined as a dual operation to tight closure. We will discuss interior operations more generally on the set of ideals of a ring and properties that hold when an interior operation and a closure operation are dual to each other. (Received September 17, 2015)