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Ryan E. Clark* (rclark@math.utk.edu), Department of Mathematics, University of Tennessee, Knoxville, TN 37996-1300. *Generalized Boolean rings, idealizations, and zero-divisor graphs*. Preliminary report.

In this talk, we investigate the zero-divisor graph of a certain generalization of Boolean ring, the n -Boolean ring for $n \geq 2$. We will give examples and several results to describe the zero-divisor graphs of these rings. (Received September 15, 2008)