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David F Anderson* (anderson@math.utk.edu), Mathematics Department, University of Tennessee, Knoxville, TN 37996, and **Ayman Badawi** (abring@birzeit.edu), Mathematics Department, Birzeit University Birzeit, Israel. *Divisibility properties and total quotient rings.* Preliminary report.

Let R be a commutative ring with 1. We will discuss several internal divisibility conditions on R and their relationship to closedness properties of R in its total quotient ring $T(R)$. We will also give conditions for $T(R)$ to be zero-dimensional or von Neumann regular. (Received September 29, 2000)