1163-13-814   **Marco Fontana** (`fontana@mat.uniroma3.it`), **Evan Houston*** (`eghousto@uncc.edu`) and **Mi Hee Park** (`mhpark@cau.ac.kr`). *Idempotence and divisorialty in Prüfer-like domains.*

Let D be a Prüfer $\star$-multiplication domain, where $\star$ is a semistar operation on D. We show that certain ideal-theoretic properties related to idempotence and divisoriality hold in Prüfer domains, and we use the associated semistar Nagata ring of D to show that the natural counterparts of these properties also hold in D. (Received September 13, 2020)