Jesse Elliott* (jesse.elliott@csuci.edu), Camarillo, CA. Unique factorization in rings with zero-divisors.

There are several inequivalent notions of what “unique factorization” can mean in a ring with zero-divisors. In this talk I will discuss a few of these notions, and I will add one to the list in order to correct an error I made in Section 2.8 of my recent book, Rings, Modules, and Closure Operations. The $t$-closure semistar operation and a slight modification of it play a central role in this discussion. (Received September 12, 2020)