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110-743, South Korea. *Weak-injectivity over commutative rings*. Preliminary report.

Weak-injective modules over integral domains were defined by Lee and were studied in many papers by several authors. We now consider them over arbitrary commutative rings. It turns out that they retain some of their features even if the underlying rings admit zero-divisors, but several useful properties are lost. (Received April 13, 2010)