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Thomas J. Dorsey* (thomasjdorsey@gmail.com), Vassar College, Box 316, 124 Raymond Ave., Poughkeepsie, NY 12604. *Rings generated by their units.*

Rings generated by their units (as a ring) have been studied by several authors. Fischer and Snider proved that for every π -regular ring R with each of its (left) primitive factors artinian, each element of R can be written as the sum of two units if and only if $\mathbb{Z}/2\mathbb{Z}$ is not a homomorphic image of R . This was extended to exchange rings with primitive factors artinian by H. Chen. We will discuss new results along these lines which characterize when rings in a certain class (containing all exchange rings with primitive factors artinian) are generated by their units. (Received September 26, 2006)