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Amanda Hagen Matson* (Amanda.Matson@gmail.com), 302 South Street Apt 301, Morris, MN 56267. *Existence of Rings of Finite Rank n as well as Further Explorations into the n -generator property.*

For any positive integer n , there is a subring of $\mathbb{Z}[2^{\frac{1}{n}}]$ that is of finite rank n but is not of finite rank $n - 1$. The presenter will introduce this subring along with any theorems or lemmata required to support the preceding claim. If time permits, the presenter will look at relations between Noetherian rings and rings of finite rank as well as how field extensions affect the n -generator property. (Received February 09, 2009)