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**Nancy C Scherich\*** ([nscherich@math.ucsb.edu](mailto:nscherich@math.ucsb.edu)). *Discrete Representations of the Braid Groups.*

Many well known representations of the braid groups are parameterized. Using a little algebraic number theory, I will show how to carefully choose evaluations of the parameter so that the image is a discrete group, and sometimes lands in a lattice! It is exciting to see how algebraic techniques give rise to more geometric results. (Received September 15, 2018)