

## The Loyola schools review : school of science & engineering

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Abstrak

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symmetry groups play an important role in tiling theory. Certain classes of tilings are studied and characterized based on the symmetries they contain. moreover, the construction of symmetrically colored riling, which is a problem addressed in color symmetry, relies on the symmetry groups of the corresponding uncolored tiling. in this paper, an approach is provided to determine the symmetry groups of a particular class of tilings in the plane, called semi-regular tilings.