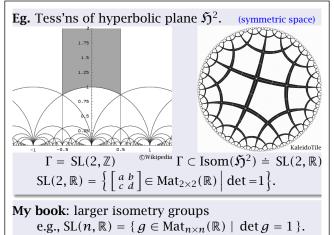
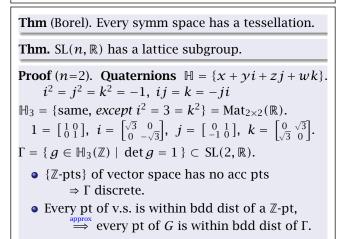
Introduction to Arithmetic Groups

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Abstract. We will discuss a few basic properties of "arithmetic groups," which are certain groups of $n \times n$ matrices with integer entries. By definition, the subject combines algebra (group theory and matrices) with number theory (the integers), but it also has connections with other areas, including the theory of periodic tilings. To learn more about these important groups, download a free copy of my book from http://arxiv.org/src/math/0106063/anc/





Group theory = the study of symmetry

