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Please use this identifier to cite or link to this item: http://hdl.handle.net/123456789/923 Title: Finite Coxeter Groups Authors: Das, Pragnya (/jspui/browse?type=author&value=Das%2C+Pragnya) Keywords: Finite subgroups Symmetry Group of Regular convex polyhedra Positive definite graphs Issue Date: 22-Aug-2018 Publisher: **IISERM** Finite Coxeter groups, named after H.S.M Coxeter, is an abstract group generated by finite set of Abstract: reflections with some defining properties. In this dissertation we define Finite Coxeter groups and give some of its properties, which is discussed in chapter 2 and 3. In chapter 4 we give a presentation of Coxeter groups. In chapter 5 and 6 we define Coxeter graphs and classification and construction of finite Coxeter Groups is discussed based on that. URI: http://hdl.handle.net/123456789/923 (http://hdl.handle.net/123456789/923)

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