Normalizers of Parabolic Subgroups of Coxeter Groups

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Title: Normalizers of Parabolic Subgroups of Coxeter Groups

Abstract:

Based on a given Coxeter group $W$, we will construct a groupoid which admits a set of "Coxeter-group-like" generators and defining relations. Furthermore I will discuss how this groupoid can be used to determine the normalizers of the parabolic subgroups of $W$. 