

EXTENDED AFFINE WEYL GROUPS, STRUCTURE AND PRESENTATIONS

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ABSTRACT. Extended affine Weyl groups are certain reflection groups which arise naturally in the theory of extended affine Lie algebras. We recall briefly the definition of extended affine Lie algebras and extended affine root systems and review the basic structural results concerning extended affine Weyl groups. In contrast to finite and affine cases, extended affine Weyl groups are not in general Coxeter groups. We discuss certain presentations of these reflection groups.