



**GRÖBNER-SHIRSHOV BASIS FOR THE n -EXTENDED
AFFINE WEYL GROUP OF TYPE A_2**

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Abstract

We give the Gröbner-Shirshov basis for n -extended affine Weyl group of type A_2 with a generator system of an n -toroidal sense.

Keywords and phrases: Gröbner-Shirshov basis, Weyl group.

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