



**GRÖBNER-SHIRSHOV BASES FOR THE WEYL
GROUPS OF TYPES $A_2^{(1,1)}$ AND $A_2^{(1,1,1)}$**

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Received September 9, 2013

Abstract

We give Gröbner-Shirshov bases for the elliptic Weyl groups of type $A_2^{(1,1)}$ and the 3-extended affine Weyl group of type $A_2^{(1,1,1)}$.

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

**Pioneer Journal
of Mathematics
and Mathematical
Sciences**



Pioneer Scientific
Publisher