1151-47-267   **Thomas D Peebles*** (`tpeebles@albany.edu`), University at Albany, Department of Mathematics, 1400 Washington Ave, Albany, NY 12222, and **Michael Stessin**, **Alexandre Tchernev** and **Jerzy Weyman**. *Determinantal Varieties and Characters of Representations of Affine Coxeter Groups Preliminary Report.* Preliminary report.

Determinantal varities of representations of Coxeter generators were shown to determine representations of non-exceptional finite Weyl groups up to unitary equivalence by Cuckovic, Stessin, and Tchernev. The main result established here shows that determinantal varities of a larger set of elements determine the character of representations of affine Weyl groups $\tilde{B}_n$, $\tilde{C}_n$, and $\tilde{D}_n$. (Received August 20, 2019)