

1108-20-414

Rieuwert J Blok* (rblok@bgsu.edu), Department of Mathematics and Statistics, Mathematical Sciences Building, Bowling Green, OH 43402, and **Corneliu G Hoffman** (c.g.hoffman@bham.ac.uk), School of Mathematics, Watson Building, University of Birmingham, Edgbaston, B152TT, United Kingdom. *Properties of Curtis-Tits Groups.*

The classification of Curtis-Tits amalgams with triangle free, simply-laced diagram over a field of size at least 4 was completed by the authors in an earlier paper. Orientable amalgams are those arising from applying the Curtis-Tits theorem to groups of Kac-Moody type, and indeed, their universal completions are central extensions of those groups of Kac-Moody type. In a different paper they exhibit concrete (matrix) groups as completions for all Curtis-Tits amalgams with diagram \tilde{A}_{n-1} . For non-orientable amalgams these groups are symmetry groups of certain unitary forms over a ring of skew Laurent polynomials. We now generalize this to all amalgams arising from the classification above and, under some additional conditions, exhibit their universal completions as central extensions of twisted groups of Kac-Moody type. We also discuss some properties of these groups. (Received January 19, 2015)