**FRAUKE M. BLEHER**, University of Iowa, Department of Mathematics, 14 MLH, Iowa City, IA 52242-1419, USA Universal deformation rings and tame blocks

Let k be an algebraically closed field of positive characteristic, and let G be a finite group. There are various classical results in the literature concerning the lifting of finitely generated kG-modules over complete discrete valuation rings, such as Green's liftability theorem. To understand and generalize these results, it is useful to reformulate them in terms of deformation rings. Suppose B is a block of kG of tame representation type with defect group D. For certain B, we will show how to determine the universal deformation rings R(G, V) of finitely generated kG-modules V belonging to B which have stable endomorphism

ring isomorphic to k. We will relate R(G, V) to the group ring WD where W is the ring of infinite Witt vectors over k.