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Michael Aschbacher*, Caltech, Pasadena, CA 90025. *Overgroup lattices in finite groups.*

We determine those subgroups of finite groups of Lie type whose overgroup lattices contain a parabolic and are of one of several types. This is part of a program to show there exist finite lattices which are not intervals in the subgroup lattice of a finite group. (Received August 02, 2010)