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Michael Aaron Geline* (geline@math.niu.edu), Northern Illinois University, Department of Mathematics, Watson Hall, DeKalb, IL 60115. *The Brauer Feit bound on irreducible character heights via Knörr lattices*. Preliminary report.

If p^a is the largest power of p dividing the order of the group G , and χ lies in a p -block with defect $d \geq 2$, Brauer and Feit showed that the height of χ is at most $d - 2$. Assuming an elementary abelian defect group, we will give a new proof of this using the theory of vertices and sources, specifically Knörr lattices. (Received August 31, 2012)