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**Hung Ngoc Nguyen\*** ([hungnguyen@uakron.edu](mailto:hungnguyen@uakron.edu)), Dept. of Theoretical and Applied Math., The University of Akron, Akron, OH 44325. *Complex characters of small degrees of the orthogonal groups.*

The representations as well as characters of small degrees of finite groups of Lie type have proved to be very useful in various applications and the recent proof of the Ore conjecture is one example. Based on the Lusztig's classification of irreducible complex characters of finite groups of Lie type, we classify the irreducible complex characters of the orthogonal groups of degrees up to a good bound. (Received September 01, 2010)