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Shun-Jen Cheng* (chengsj@math.sinica.edu.tw), Institute of Mathematics, Academia Sinica, Taipei, 10617, Taiwan. *Representation Theory of Lie superalgebras in the BGG category.*

There has been much progress on the solution of the irreducible character problem for the complex simple Lie superalgebras in the Bernstein-Gelfand-Gelfand category over the last decade or so. The purpose of this talk is to give an outline of these results. (Received January 27, 2019)