1083-17-149   **Yiqiang Li*** (`yiqiang@buffalo.edu`), 244 Mathematics Building, University at Buffalo, SUNY, Buffalo, NY 14260. *A geometric realization of modified quantum algebras.*

A geometric construction of Lusztig's modified quantum algebra of symmetric type is presented by using certain localized equivariant derived categories of double framed representation varieties of quivers. (Received August 26, 2012)