1001-17-285   **Gizem Karaali*** (`gizem@math.ucsb.edu`), Department of Mathematics, University of California, Santa Barbara, Santa Barbara, CA 93106. *A New Lie Bialgebra Structure on $sl(2,1)$.*

We describe the Lie bialgebra structure on the Lie superalgebra $sl(2,1)$ related to an r-matrix that cannot be obtained by a Belavin-Drinfeld type construction. This structure makes $sl(2,1)$ into the Drinfeld double of a four-dimensional subalgebra. The talk will include motivation from the theory of Hopf algebras and quantum groups. (Received August 29, 2004)