1125-46-817      **Angshuman Bhattacharya\*** (`angshu@uga.edu`), Department of Mathematics, 526 BOYD, University of Georgia, Athens, GA 30602, and **Shuzhou Wang**. *Kirchberg's factorisation property for discrete quantum groups.*

In 1964, Takesaki showed that the product of the left and right regular representations of the reduced C\*-algebra of the free group on two generators is not continuous. Wasserman showed that the product representation is continuous if the full group algebra is considered instead of the reduced one. Later Kirchberg isolated this property for discrete groups and called it the factorization property. Not much is known about such groups beyond Kirchberg's work.

In this talk I will report my joint work with Shuzhou Wang on Kirchberg's factorisation property for discrete quantum groups. (Received September 12, 2016)