

A FIELD OF QUANTUM UPPER TRIANGULAR MATRICES

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Abstract: We discuss how the duals of Woronowicz's quantum $SU(2)$ -groups converge, in the operator algebraic setting, to the group of special upper triangular 2-by-2 matrices with positive diagonal. First, we construct a continuous field of C^* -algebras using a crossed product. Then we give a short overview of the corresponding field of locally compact quantum groups. This is based on joint work with K. De Commer.