1002-47-37 **Ian Doust*** (`i.doust@unsw.edu.au`), School of Mathematics, 2036 UNSW Sydney, NSW, Australia, and **T A Gillespie**. *Schur multiplier projections on the von Neumann-Schatten classes.*

For $1 \le p < \infty$, let C_p denote the usual von Neumann-Schatten ideal of compact operators on ℓ^2. The standard basis of C_p is a conditional one and so it is of interest to be able to identify the sets of coordinates for which the corresponding projection is bounded. In this paper we survey and extend the known classes of bounded projections of this type. In particular we show that some recent results from spectral theory allow one to prove boundedness of a projection by checking simple geometric conditions on the associated set of coordinates. (Received July 19, 2004)