1113-46-89   **Sudeshna Basu*** (`sudeshna66@gmail.com`), Department of Mathematics, George Washington
University, Washington DC, DC 20052. *On Small Combination of Slices in Banach Spaces.*

Small Combination of Slices (SCS) in the unit ball of a Banach space was first introduced by Ghoussoub,Godefory ,Maurey and Scachermeyer and subsequently analysed in detail by Scachermeyer and in Rosenthal. In this work, we introduce BSCSP a generalization of dentability in terms of SCS. We study certain stability results for w^*BSCSP leading to a discussion on SCSP in the context of ideals in Banach Spaces. We prove that w^*-BSCSP is stable under c_0-sums. We further prove that w^*-BSCSP can be lifted from an M -ideal to the whole Banach Space and vice versa. We prove similar results for strict ideals and U-subspaces of a Banach space. We also study the local version, namely, Small Combination of Slices Points(SCSP) in the context of ideals in Banach spaces. (Received August 13, 2015)