1038-47-154   **Mihai Popa*** (`mipopa@indiana.edu`), Indiana UNiversity at Bloomington, Department of Mathematics, Rawles Hall 309, 831 E 3rd St, Bloomington, IN 47405. *Application of multilinear function series in non-commutative probability with amalgamation.*

Various results and construction form the scalar-valued case have analogues in non-commutative probability with amalgamation, particularly the description of additive and multiplicative convolution for free, monotone, boolean and conditionally free independences. We will also discuss some aspects related to infinite divisibility and Central Limit and Poisson type results. (Received February 06, 2008)