

Department of Mathematics, BGU

OA/OT Seminar

On Tuesday, November ,19 2019

At 11:00 – 12:00

In 101-

Jaydeb Sarkar (Indian Statistical Institute)

will talk about

Joint invariant subspaces on the polydisc and a commutant lifting theorem on the unit ball

Abstract: In this talk we will discuss two central problems in multivariable operator theory: (1) joint invariant subspaces of the tuple of shift operators on the Hardy space over the unit polydisc, and (2) a commutant lifting theorem of the tuple of shift operator on certain analytic reproducing kernel Hilbert spaces over the unit ball. If time permits, we will also talk about Nevanlinna-Pick interpolation theorem and a relevant factorization result for multipliers on reproducing kernel Hilbert spaces over the unit ball.

Please Note the Unusual Time!