Matrix Elementary Operations and Matrix Rank

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Date: 14 April 2010 (Wednesday)
Time: 11 am – 11.30 am
Venue: MAS Executive Classroom 1, MAS-03-06
School of Physical and Mathematical Sciences

This lecture will cover matrix elementary operations, reduced row echelon form (RREF) and matrix rank. We will show how to obtain RREF of a given matrix by elementary operations (Gauss-Jordan elimination). Some properties of matrix rank will also be discussed.

Speaker Biography

Dr. Wanli Min graduated from University of Science & Technology of China (USTC) with B.S degree in Physics. He holds Ph.D degree in Statistics from the University of Chicago and has been working in IBM research division since graduation. His research interests are asymptotics for stochastic process, time series analysis, signal processing and manifold learning.

Host: Prof Chee Yeow Meng, Head, Division of Mathematical Sciences, School of Physical and Mathematical Sciences