



**Department of Mathematics, Statistics and Computer Science
St. Francis Xavier University
Presents**

**Construction of A Symmetric Banded Matrix From
Eigenvalues**

by

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Thursday, April 15th, 2010 @ 2:15 in Ax23A

The necessary and sufficient conditions for the construction of a symmetric pentadiagonal matrix from three eigen pairs are presented for a special equation. A pseudo algorithm is included as a consequence of the development.

Refreshments will be served before the talk in AX24A