TEMPLE UNIVERSITY
Department of Mathematics

Applied Mathematics and Scientific Computing Seminar

Room 617 Wachman Hall

Wednesday, 26 September 2007, 4:00 p.m.

Modern iterative solution of linear systems (especially those coming from PDEs). Part II

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Abstract.

This will be the second in a series of lectures on the modern iterative methods currently used for the computation (or approximation) of the solution of large linear systems of equations, especially those stemming from the discretization of differential equations.

We will review the first part, and then complete the description of the modern projection methods.