Title: Method of Images for Poisson Type Problems
Author: William Olsen
Affiliation: Dakota County Environmental Management, Minnesota
Abstract:

The method of images is applied to non-analytic functions of Poisson type by using Analytic Equivalence functions. An Analytic Equivalence function is an analytic function that is equal to some non-analytic function along a boundary. Analytic Equivalence functions are relatively easy to derive using Wirtinger Calculus. This talk will explain the principles, and work through a couple of examples.