

**SEMINAR**

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**Title:**

**Some Transfer Coefficients Related to the Scattering by a Second-Order Generalized Impedance Discontinuity in a Cylindrically Curved Surface**

**Abstract:**

In this presentation, explicit asymptotic expressions for the “transfer (diffraction) coefficients” related to the diffraction of high frequency cylindrical waves from the discontinuity occurred in the material properties as well as in the thicknesses of a coated cylindrically curved metallic sheet characterized by the second order generalized impedance boundary conditions will be discussed.