

SEMINAR

Grupo de Análise Funcional e Aplicações Functional Analysis and Applications Group

On the Existence of Solutions of the Limit Problem for the Magnetically Non-insulated Diode

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Abstract

In this talk we analyze the existence of non-negative solutions of the stationary boundary value problem derived from the magnetic (non) insulated regime on a vacuum plane diode. The model consists of a nonlinear singular system of second-order ordinary differential equations of Vlasov-Maxwell.

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