

SEMINÁRIO

ANÁLISE E EQUAÇÕES DIFERENCIAIS

27 de Maio | 13h30 | sala 6.2.33

Generalized laplaceans and minimal surfaces

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Abstract:

On his doctoral thesis about trigonometric series, Bernard Riemann introduced a notion of generalized second derivative which was relevant to prove his uniqueness theorem of trigonometric expansions. The purpose of this talk is to characterize locally minimal surfaces in terms of those generalized harmonic functions.