



**Mês de: Outubro 2009**

## **GEOMETRIA**

**Dia 23 de Outubro (sexta-feira), às 16h30, na Sala B1-01**

Explicit constructions of harmonic maps into Grassmannians

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**Abstract:**

We give a completely explicit formula for all harmonic maps of finite uniton number from a Riemann surface to the complex Grassmannians in terms of freely chosen meromorphic functions on the surface and their derivatives, using only combinations of projections.

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