

淡江大學數學系演講公告

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題 目：A graphical formula in deformation quantization

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摘要 Abstract:

Deformation quantization is a mathematical formulation of the general idea of quantization of a classical mechanical system to a quantum mechanical system. In this formulation, a classical mechanical system is characterized by a Poisson bivector, and a quantum mechanical system is characterized by a “star product” which is a formal deformation of the multiplication of smooth functions. In this talk, I will introduce Kontsevich's graphical construction of star products.

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