

Noyaux du transfert automorphe de Langlands et formules de Poisson non linéaires[★]

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Received: 11 July 2013 / Revised: 22 October 2013 / Accepted: 27 November 2013

Published online: 5 February 2014

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Communicated by: Takeshi Saito

Abstract. The main purpose of this paper is to show that some type of explicit nonlinear Poisson formulas, which is implied by Langlands' functoriality principle, allows to build “kernels” of automorphic transfer. So, Langlands' functoriality principle is equivalent to these nonlinear Poisson formulas.

Keywords and phrases: automorphic functions, Langlands L -functions, representations over local fields and adelic rings, Rankin–Selberg integrals, non linear Fourier transforms, non linear adelic Poisson formulas

Mathematics Subject Classification (2010): 11F03, 11F66, 11F70

[★] This article is based on the 12th Takagi Lectures that the author delivered at the University of Tokyo on May 25 and 26, 2013.

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