## **Kyoto** Journal of Mathematics

Volume 54 · Number 1 · Spring 2014

1	Estimates of the integral kernels arising from inverse problems for a three-dimensional heat equation in thermal imaging Masaru Ikehata and Mishio Kawashita
51	<b>Duality theorem for inductive limit groups</b> Nobuhiko Tatsuuma
75	<b>Duality theorems and topological structures of groups</b> Nobuhiko Tatsuuma
103	Joyce-Song wall crossing as an asymptotic expansion Jacopo Stoppa
157	The cancellation problem over Noetherian one-dimensional domains M'hammed El Kahoui and Mustapha Ouali
167	On rank $2$ vector bundles on Fano manifolds Roberto Muñoz, Gianluca Occhetta, and Luis E. Solá Conde
199	Blocks of normal subgroups, automorphisms of groups, and the Alperin–McKay conjecture Masafumi Murai