

JOURNAL OF THE MATHEMATICAL SOCIETY OF JAPAN

VOL. 54 NO. 3

JULY, 2002

CONTENTS

- I. MIYAMOTO and H. YOSHIDA**, Two criterions of Wiener type for minimally thin sets and rarefied sets in a cone. 487
- O. M. ABDERRAHMANE**, Polyèdre de Newton et trivialité en famille. 513
- J.-H. ESCHENBURG**, Higher rank curved Lie triples. 551
- D. FAN and S. SATO**, Remarks on Littlewood-Paley functions and singular integrals. 565
- A. FUJIKI**, Topology of compact self-dual manifolds whose twistor space is of positive algebraic dimension. 587
- G. BOBIŃSKI**, Geometry of decomposable directing modules over tame algebras. 609
- M. KLEINER, A. SKOWROŃSKI and D. ZACHARIA**, On endomorphism algebras with small homological dimensions. 621
- M. KAWAGISHI and T. YAMANAKA**, On the Cauchy problem for non linear PDEs in the Gevrey class with shrinkings. 649
- F. HIAI, M. MIZUNO and D. PETZ**, Free relative entropy for measures and a corresponding perturbation theory. 679