

JOURNAL  
OF THE  
MATHEMATICAL SOCIETY OF JAPAN

VOL. 52 NO. 3

JULY, 2000

CONTENTS

<b>T. KOBAYASHI</b> , Holomorphic vertical line bundle of the twistor space over a quaternionic manifold .....	485
<b>M. NAKAI</b> , Dirichlet finite harmonic measures on topological balls .....	501
<b>K. MORISUGI and J. MUKAI</b> , Lifting to mod 2 Moore spaces .....	515
<b>Y. OKADA</b> , On the characteristics for convolution equations in tube domains .....	535
<b>N. H. BINGHAM and A. INOUE</b> , Extension of the Drasin-Shea-Jordan theorem ....	545
<b>F-Y. MAEDA and T. ONO</b> , Resolutivity of ideal boundary for nonlinear Dirichlet problems .....	561
<b>T. SUDO</b> , Dimension theory of group $C^*$ -algebras of connected Lie groups of type I .....	583
<b>T. KADOKAMI and A. YASUHARA</b> , Proper links, algebraically split links and Arf invariant .....	591
<b>K. YOKOYAMA</b> , Global existence of classical solutions to systems of wave equations with critical nonlinearity in three space dimensions .....	609
<b>M. A. BARJA and F. ZUCCONI</b> , A note on a conjecture of Xiao .....	633
<b>Y. NAITO</b> , Nonexistence results of positive solutions for semilinear elliptic equations in $R^n$ .....	637
<b>T. MANDAI</b> , The method of Frobenius to Fuchsian partial differential equations .....	645
<b>S. KOSUGI</b> , A semilinear elliptic equation in a thin network-shaped domain .....	673