

## CONTENTS

<b>Tadashi NAGANO and Tsunero TAKAHASHI</b> , Homogeneous hypersurfaces in euclidean spaces. ....	1
<b>Itiro TAMURA</b> , Characteristic classes of 2-fold symmetric products of spheres. ....	8
<b>Kenkichi IWASAWA</b> , On local cyclotomic elds. ....	16
<b>Makoto ISHIDA</b> , On congruence $L$ -series. ....	22
<b>Yukiyosi KAWADA</b> , Class formations V. (Innite extension of the $p$ -adic eld or the rational eld) ....	34
<b>Akira HATTORI</b> , On fundamental exact sequences. ....	65
<b>Sho ISEKI</b> , On some partition functions. ....	81
<b>Kentaro YANO and Tsunero TAKAHASHI</b> , Some remarks on Einstein spaces and spaces of constant curvature. ....	89
<b>G. Teeka RAO</b> , Superposability of the equations of magneto-hydrodynamics. ....	97
<b>Hisahiro TAMANO</b> , Some properties of the Stone-Cech compactication. ....	104