

**BULLETIN
OF
THE FACULTY OF EDUCATION
WAKAYAMA UNIVERSITY
— NATURAL SCIENCE —**

No.56 February 2006

CONTENTS

Locally definable C ^g G manifold structures of Locally definable C ^r G manifolds	Tomohiro KAWAKAMI 1
Equivariant definable triangulations of definable G sets	Tomohiro KAWAKAMI 13
The Substituent-induced Carbon-13 Chemical Shifts in the 2-Substituted Fluorenes.	
..... Yoshiaki KUSUYAMA, Uranbaatar ERDENEBILEG, Noriyoshi KIMURA,	
..... Satoko HAYASHI & Waro NAKANISHI 17	
Foraging behavior of a whimbrel <i>Numenius phaeopus</i> in the Waka river estuary	
..... Kohsuke UENO & Tsunenori KOGA 21	
Dynamic Behavior of H ₂ O Molecules in [Pt(en) ₂][PtX ₂ (en) ₂](SO ₄) ₂ · 6H ₂ O Studied by ² H and ¹ H NMR	
..... Mami OE & Noriyoshi KIMURA 27	
Phase Transition and Thermochromism in Bromo-Bridged 1-D Pt Complex Studied by DSC, X-ray and UV-Vis Spectrum Measurements	
..... Akane NAKAMURA & Noriyoshi KIMURA 31	
Development of Handcrafted Musical Instrument	
—Recorder made of Vinyl Chloride Pipe— Fumiyasu KURATANI 35	