

---

BULLETIN OF THE DOCTORAL COURSE OF  
SCIENCE FOR LIVING SYSTEM  
SHOWA WOMEN'S UNIVERSITY

---

1996 Vol. 5

CONTENTS

Originals

The Morphological Study about Typology of Public-space in the City  
.....Satoru Ashikawa.....]

On the Shape Finding Analysis of Membrane Structures Considering  
the Bending Stiffness of Boundary Frames  
.....Nobuyuki Ataka..... 23

Aerobic Metabolism of Glucose by Facultative Anaerobe  
*Sporolactobacillus inulinus*  
.....Michio Kozaki, Hisakazu Iino,  
Yukiko Anzai, and Yoichi Niimura ..... 33

Note

Study on Preparation of Composite Cloth with Waste Silk, Modified Collagen  
Short Fibers and Polyurethane Elastomer  
.....Yumiko Tsunoda and Hiroshi Okamura..... 43

Materials

Reconsideration on Women's Emancipation Theory of August Bebel part 2  
Population and Women in *Die Frau und der Sozialismus*  
.....Setsu Ito..... 51

Comment

Indonesian Fermented Food, *Dagé* and its Making  
.....Michio Kozaki, Hisakazu Iino,  
and Kapti Rahayu Kuswanto..... 63

Abstracts Doctoral Theses of Science for Living System..... 69