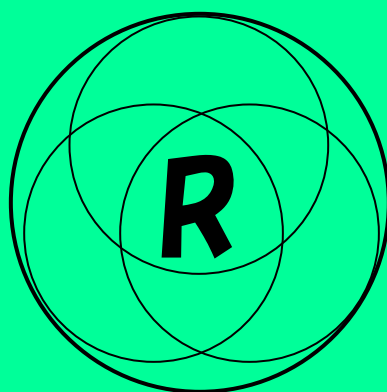


THE BULLETIN  
OF  
OKAYAMA UNIVERSITY OF SCIENCE

No.55 A

NATURAL SCIENCES



2019

OKAYAMA UNIVERSITY OF SCIENCE  
OKAYAMA, JAPAN