## INVARIANT MEASURE OF ISOMETRIC ACTIONS ON METRIC SPACE

## **RATAKA ТАНАТА**

## Received June 8,2020 ; revised August 19,2020

ABSTRACT. The late Prof. Y. Mibu proved that there exists an invariant measure under a condition that the action is transitive. Our aim in this note is to show that when space is a metric space, we do not need this condition.

2000 Mathematics Subject Classification. Primary 28C10. Key words and phrases. general topology, measure.