The First IPM Isfahan Workshop on General Topology January 27-29, 2015.

## RINGS OF MEASURABLE FUNCTIONS

## EHSAN MOMTAHAN

ABSTRACT. In this lecture, we will review some old and new results on rings of real valued measurable functions. We shall also study some interconnections between rings of continuous functions and rings of measurable functions. Moreover, some generalizations of both, rings of measurable functions and rings of continuous functions, will be given.

DEPARTMENT OF MATHEMATICS, YASOUJ UNIVERSITY, YASOUJ, IRAN. *E-mail address:* e-momtahan@mail.yu.ac.ir