

## Preface to Second Edition

On a delightful Belgian canal trip during a break from a Mons University conference in the summer of 1997, Ward Henson suggested that I make available a LaTeX version of this monograph, which was originally published by Van Nostrand in 1966 and has long been out of print. Ms. Mary Sheetz in the University of Washington Mathematics Department office expertly and quickly carried out the difficult job of turning the original text into a LaTeX file, providing the foundation for this somewhat revised and expanded version. I am delighted that it is being published by Springer-Verlag.

Since 1966 there has been a great deal of research related to Choquet's theorem, and there was considerable temptation to include much of it, easily doubling the size of the original volume. I decided against doing so for two reasons. First, there exist readable treatments of most of this newer material. Second, the feedback I have received over the years has indicated that the small size of the first edition made it an easily accessible introduction to the subject, suitable for a one-term seminar (of the type which generated it in the first place). This edition does include some newer results which are closely related to the original text, but some other more recent material is merely summarized in the final section. It also incorporates a number of suggestions and corrections to the first edition which I have received over the years. I thank all those who have helped me in this regard, especially Robert Burckel and Christian Skau (who have surely forgotten the letters they sent me in the 70's) as well as my colleague Isaac Namioka. Of course, I'm the one responsible for any new errors. I am grateful to Elaine Phelps, who tolerated my preoccupation with this task (during both editions); her support made the work easier.

R. R. P.

*Seattle, Washington  
December, 2000*



<http://www.springer.com/978-3-540-41834-4>

Lectures on Choquet's Theorem

Phelps, R.R.

2001, X, 130 p., Softcover

ISBN: 978-3-540-41834-4