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M. Bekkali

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During the Fall 1987 Professor Stevo Todorcevic gave a series of lectures for the Ulam Seminar at the University of Colorado at Boulder. This is a reworked version of my handwritten notes taken during the Seminar. I have added a few supplementary results found in the well-known texts listed in the references and added a few details in some of the proofs, but the basic sequence of results remains unchanged. Since the set of notes lacked any historical discussion, only a partial list of references has been supplied at the end of each chapter.

I would like to thank Professor Stevo Todorcevic for a large amount of time spent after the Seminar in explaining the proofs to me and for the permission of including here a number of his unpublished notes. This work also greatly depended on Liz Stimmel who, with utmost patience and care, typed the manuscript.

M. Bekkali
Boulder; January 1991

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