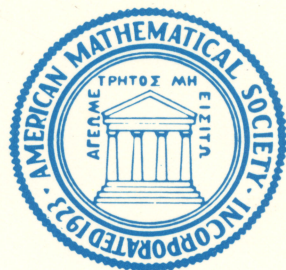


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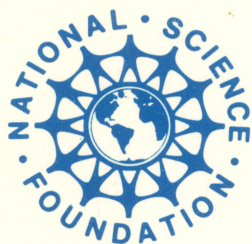
regional conference series in mathematics

number 36



CARL M. PEARCY

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IN OPERATOR THEORY**



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by
CARL M. PEARCY

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These lectures are dedicated to the memory of my good friend and mentor Howard B. Curtis, Jr., who gave unselfishly of himself to plant my feet firmly upon the path.

Preface

During the week of August 11–15, 1975, the author was the principal lecturer at a regional conference held at Bucknell University and sponsored by the Conference Board of the Mathematical Sciences, with support from the National Science Foundation. These notes are a slightly expanded version of the lecture notes that were distributed on that occasion. In my lectures I attempted to set forth some of the remarkable developments that had taken place in operator theory over the preceding four years, but, of necessity, my lectures were limited to topics in which I had been interested, and thus did not pretend to be exhaustive.

The delay in the publication of these notes, for which I apologize, was caused primarily by my prior commitment to complete the textbook “Elements of Functional Analysis”, co-authored with Arlen Brown.

I take this opportunity to express my gratitude to the members of the mathematics faculty at Bucknell University for the warm hospitality they have shown me over the past several years on my visits there. In particular, special thanks go to H. W. Kim and David Ray, who played large roles in the success of the conference.

I also take this opportunity to express the gratitude of the American mathematical community to William Pell and all the members of the Mathematical Sciences Section of the National Science Foundation for their efforts in our behalf. In particular, William Rosen has contributed substantially to the well-being of operator theory.

Ann Arbor
August 1977

Carl M. Pearcy

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