

A fifty year journey with colleagues, generalized matrix inverses and applied probability

Jeffrey J. Hunter¹

¹*Department of Mathematical Sciences School of Engineering, Computer
and Mathematical Sciences Auckland University of Technology, Auckland,
New Zealand*

Abstract

The presenter has over his career made a number of contributions to a range of problems involving the application of generalized matrix inverses to the theory of Markov chains and semi-Markov processes. Along this journey many individuals, colleagues and friends, have had an impact on his career. This presentation highlights some of the influences that have impacted on his main contributions. We explore a number of key results that appear in some of his published work in these fields of research.

Keywords Generalized matrix inverses, Markov chains.