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I would like to dedicate this book to my family for which I continue the legacy of having a PhD with my parents sharing three between them, and my brother pursuing this goal as well. They are my role-models of love, hard work, professionalism and support. I want to dedicate it to my grandparents who have started this family legacy and I feel are watching over me all day long and keeping me safe in all situations and close calls I went through life. I want to thank all my family members that spread over four generations from my grandfather's sister, my aunt and uncle and their family, my sister-in-law and her family, my cousins and the youngest generation, my four wonderful nieces and nephews. I want to thank all of the friends I made and have throughout this world that were at one point part of this amazing journey. They include professors, mentors, colleagues and student alumni as I consider them all friends for life. Finally I want to dedicate this book to my friend Arya who has been by my side two years of this amazing journey before passing away.

Curiculum Vitae

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