Record Nr. UNINA9910484456603321 Autore Mukherji Purabi Titolo Research schools on number theory in India: during the 20th Century / / Purabi Mukherji Pubbl/distr/stampa Singapore:,: Springer,, [2020] ©2020 **ISBN** 981-15-9620-4 Edizione [1st ed. 2020.] Descrizione fisica 1 online resource (XIV, 177 p. 12 illus., 3 illus. in color.) Disciplina 512.7 Soggetti Number theory Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Historical Prelude and Introduction -- Indian Schools of Research on Nota di contenuto Number Theory -- Impact of the research of the Indian Number Theorists to Modern Mathematics -- Epilogue. This book is an attempt to describe the gradual development of the Sommario/riassunto major schools of research on number theory in South India, Punjab. Mumbai, Bengal, and Bihar—including the establishment of Tata Institute of Fundamental Research (TIFR), Mumbai, a landmark event in the history of research of number theory in India. Research on number theory in India during modern times started with the advent of the iconic genius Srinivasa Ramanujan, inspiring mathematicians around the world. This book discusses the national and international impact of the research made by Indian number theorists. It also includes a carefully compiled, comprehensive bibliography of major 20th century Indian number theorists making this book important from the standpoint of historic documentation and a valuable resource for researchers of the field for their literature survey. This book also briefly discusses the importance of number theory in the modern world of mathematics, including applications of the results developed by indigenous number theorists in practical fields. Since the book is

written from the viewpoint of the history of science, technical jargon and mathematical expressions have been avoided as much as possible.