Vignettes in Gravitation and Cosmology

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World Scientific

NEW JERSEY • LONDON • SINGAPORE • BEIJING • SHANGHAI • HONG KONG • TAIPEI • CHENNAI

Published by

World Scientific Publishing Co. Pte. Ltd.
5 Toh Tuck Link, Singapore 596224
USA office: 27 Warren Street, Suite 401-402, Hackensack, NJ 07601
UK office: 57 Shelton Street, Covent Garden, London WC2H 9HE

British Library Cataloguing-in-Publication Data
A catalogue record for this book is available from the British Library.

VIGNETTES IN GRAVITATION AND COSMOLOGY

ISBN-13 978-981-4322-06-5
ISBN-10 981-4322-06-7

Printed in Singapore.

Preface

This book is a unique collection of articles, written by former students and collaborators of T. Padmanabhan, on different aspects of gravitation and cosmology.

Padmanabhan, or Paddy, as he is affectionately known, constantly inspires us with his passion for physics, his intense enthusiasm for research, and his continued earnestness to work harder than any of his students. He has always been easily accessible to us and has played a significant role in shaping our outlook on physics and research. We hope that this collection of articles serves as a small token of our appreciation for the positive influence he has had on all of us. (At the end of the collection, we have listed the publications of all the contributors to this volume with Padmanabhan.)

Gravitation and cosmology are presently very active fields of research. The articles in this collection are focussed on topics that are of contemporary research interest, and they have been aimed at the level of graduate students. We believe that the articles will bridge the gaps that can exist between the discussions in the textbooks and the research level articles available on these topics.

We would like to thank all the contributors to this volume for their constant encouragement and support. We would also like to express our sincere gratitude to World Scientific, in particular, to Lakshmi Narayanan and her team, for guidance, support and infinite patience.

Editors: L. Sriramkumar and T. R. Seshadri

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