

Preface

The present thesis is a compilation of findings of the present author following the investigations on the conceptual issues like twin paradox and its ramifications in relativity theory and issues in the realm of high energy physics (UHECR paradox) and an area touching to VSL cosmology. The thesis is built up by me during the last several years in the Department of Physics, North Bengal University (NBU) as a research scholar under UGC (Nepal) fellowship. It is a great pleasure to offer my sincere and deep gratitudes to all those, whose active interests in my work have been continuous impetus for me for the preparation of this thesis.

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