

Preface

This special topic edition presents the latest research results in materials science and materials synthesis and processing technologies.

The first two chapters are devoted to an analysis and study of the properties of structural metals and some technologies of their processing as well as corrosion behaviour and protection of structural materials with special coatings.

The next two chapters contain papers on the study of the properties of functional materials which can be used in medicine, machinery and optics, and the study of the properties of some composites.

The last two chapters are devoted to analysing the properties of building materials and research in environmental engineering.

This edition will be helpful to many researchers and engineers from mechanical engineering, electronics, environmental engineering and construction.