

Preface

This special edition is dedicated to recent research results in metalworking technologies and modern green building materials.

The first and the main chapter contains articles which reflect the latest achievements in the study and development of metalworking technologies. Technologies of drawing, forming, milling etc., technological parameters optimisation, analysis of properties and microstructure of processed metal materials, analytical and numerical modelling treatment technologies and much more related to metalworking are described in this chapter.

The next two chapters are devoted to issues of waste treatment, analysis of the effecting of cement substitution by both perlite and pozzolan powders on the mechanical behaviour and water absorption of pozzolanic mortar and the discussion of methods for cellulose fibre extraction and treatment for the next use in building materials.

The special edition will be helpful to many specialists in machinery and construction.