

## EDITOR'S NOTE

THERE are two respects in which it has been considered desirable to make substantial modifications and additions to the original Russian text of this book:

- (1) The authors claim (in the Preface) that they have assumed mathematical and theoretical mechanical knowledge only up to "technical college level". Except for Chapter I (and to some extent Appendix I), this statement applies fairly accurately to British students if we assume that "technical college level" refers to "Ordinary National Certificate level". The situation was rather different with regard to Chapter I, in which the Editor felt a somewhat higher level was demanded; also, that some of the explanations were so abbreviated as to create difficulty even for students of graduate level. Accordingly, with the Publishers approval this chapter has been rewritten and expanded by the Editor's colleague, Dr. A. J. SARNECKI. Similar remarks apply, to a lesser extent, to Appendix I.
- (2) At the request of the Publishers, Mr. E. T. J. DAVIES has contributed an additional chapter (Appendix III), which comments on the differences between the Russian and Western approaches to the subject, and provides some additional material which is considered to be of importance.

The translator, Mr. O. M. BLUNN, wishes to acknowledge the assistance of Mr. H. R. JOINER.