

## **IGNITION OF SOLIDS**

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The ignition of "condensed substances" is a recent scientific trend in combustion and explosion physics. Its principal results have been obtained largely by using computers and modern experimental techniques. In this book the authors present a comprehensive theoretical examination of various ignition models and the elaboration of experimental approaches for their description. The first three chapters were originally published in 1984 in Russian (V. N. Vilyunov, *Ignition Theory of Condensed Substance*, Nauka, Novosibirsk). For this English edition they have been revised and supplemented by new material. Two completely new chapters have also been added: one devoted to experimental studies and the other to local ignition problems.

The book is the result of several years of active experience in the field of ignition. It will be of particular interest to research workers in chemical physics and to engineers dealing with the problems of fire-explosion accident prevention.

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