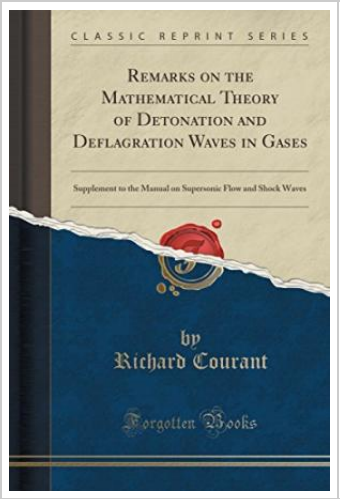

Remarks on the Mathematical Theory of Detonation and Deflagration Waves in Gases: Supplement to the Manual on Supersonic Flow and Shock Waves (Classic Reprint) (Paperback)

By Richard Courant

Forgotten Books, 2017. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Excerpt from Remarks on the Mathematical Theory of Detonation and Deflagration Waves in Gases: Supplement to the Manual on Supersonic Flow and Shock Waves In the present supplement to the Manual on Supersonic Flow and Shock Waves the gas dynamical phenomena of one dimensional flow involving detonation and combustion are analyzed from the mathematician s viewpoint. As in the Manual, content and emphasis in the present supplement are conditioned by the background from which.the writers happened to approach the subject; important points, such as the finite width.of the reaction zone, are touched upon only in an appendix and in the bibliography. Jouguet, in his classical work, was concerned mainly with the discussion of the discontinuous reaction front; but only the consideration of the flow as a whole can supply the information necessary to determine the dynamical phenomena involving detonation or combustion. G. I. Taylor has studied detonation processes under such aspects. In the recent research program of the Applied Mathematics Group of New York University a somewhat.more systematic analysis of the mathematical possibilities of flows involving reaction processes became desirable, and the present...

Reviews

Undoubtedly, this is actually the finest work by any author. Of course, it is perform, nonetheless an amazing and interesting literature. You will like just how the article writer publish this book.

-- ***Dr. Isom Dibbert Jr.***

The ebook is straightforward in read better to fully grasp. I could possibly comprehended every little thing out of this composed e pdf. I found out this ebook from my dad and i suggested this pdf to find out.

-- ***Prof. Lorine Grimes***