



Application of Front Tracking to Two Dimensional Curved Detonation Fronts (Classic Reprint) (Paperback)

By Bruce Bukiet

Forgotten Books, United States, 2016. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Excerpt from Application of Front Tracking to Two Dimensional Curved Detonation Fronts 1. Introduction. The application of the method of front tracking to two dimensional fluid flows with curved detonation fronts is examined. We study as test problems two cases of cylindrically symmetric expanding detonation waves, namely a strong detonation and a CI detonation. These problems can be solved accurately using a one dimensional random choice computation with operator splitting. We find that the solutions to these problems using front tracking converge linearly to the random choice solutions and give satisfactory answers on moderately coarse grids. We thus conclude that front tracking is a valuable method for com. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however,...



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