

# Blast Waves (Shock Wave and High Pressure Phenomena)

Charles E. Needham



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As an editor of the international scienti?c journal Shock Waves, I was asked whether I might document some of my experience and knowledge in the ?eld of blast waves. I began an outline for a book on the basis of a short course that I had been teaching for several years. I added to the outline, ?lling in details and including recent devel- ments, especially in the subjects of height of burst curves and nonideal explosives. At a recent meeting of the International Symposium on the Interaction of Shock Waves, I was asked to write the book I had said I was working on. As a senior advisor to a group working on computational ?uid dynamics, I found that I was repeating many useful rules and conservation laws as new people came into the group. The transfer of knowledge was hit and miss as questions arose during the normal work day. Although I had developed a short course on blast waves, it was not practical to teach the full course every time a new member was added to the group. This was suf?cient incentive for me to undertake the writing of this book. I cut my work schedule to part time for two years while writing the book. This allowed me to remain heavily involved in ongoing and leading edge work in hydrodynamics while documenting this somewhat historical perspective on blast waves.

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Typically the book Blast Waves (Shock Wave and High Pressure Phenomena) has a lot of knowledge on it. So when you check out this book you can get a lot of advantage. The book was authored by the very famous author. This articles author makes some research before write this book. This book very easy to read you may get the point easily after looking over this book.

#### **Gerald Patton:**

Playing with family inside a park, coming to see the coastal world or hanging out with buddies is thing that usually you may have done when you have spare time, then why you don't try matter that really opposite from that. One particular activity that make you not experience tired but still relaxing, trilling like on roller coaster you are ride on and with addition associated with. Even you love Blast Waves (Shock Wave and High Pressure Phenomena), you can enjoy both. It is great combination right, you still wish to miss it? What kind of hangout type is it? Oh can happen its mind hangout guys. What? Still don't get it, oh come on its named reading friends.

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