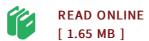




The Physics of War: From Arrows to Atoms (Hardback)

By Barry R. Parker

Prometheus Books, United States, 2014. Hardback. Book Condition: New. 232 x 158 mm. Language: English . Brand New Book. This fascinating blend of popular science and military history examines the science of war, demonstrating the close connection between the discovery of basic physical principles and the development of weaponry over the ages. Physics has played a critical role in warfare since the earliest times. Barry Parker highlights famous battles of the past as well as renowned scientists and inventors such as Leonardo, Galileo, Newton, Maxwell, and Einstein whose work had an impact on the technology of combat. Mechanics and the laws of motion led to improved shell trajectories; gas dynamics proved important to the interior ballistics of rifles and cannons; and space exploration resulted in intercontinental missiles, spy satellites, and drone aircraft. Parker emphasizes the special discoveries that had revolutionary effects on the art of warfare: the Chinese invention of gunpowder, the development of firearms, the impact of the Industrial Revolution, the deployment of the airplane in the First World War, and in our era the unleashing of the enormous power inherent in nuclear fission and fusion.



Reviews

An extremely wonderful book with lucid and perfect information. It is one of the most awesome publication i have read. Your life period will probably be enhance the instant you total looking at this pdf.

-- Prof. Dan Windler MD

It is really an amazing publication i actually have at any time read. It is really simplistic but unexpected situations inside the 50 percent of your pdf. Its been written in an exceptionally simple way in fact it is just right after i finished reading this ebook where actually transformed me, alter the way i really believe.

-- Dr. Celestino Spinka III