A list of 18 new earthquake books you should read in 2021, such as Natural Disasters and Introduction to Seismology. This book consists of select proceedings of the National Conference on Wave Mechanics and Vibrations (WMVC 2018). It covers recent developments and cutting-edge methods in wave mechanics and vibrations applied to a wide range of engineering problems. In this book chapter, earthquakes and reasons of damages arose from earthquakes for reinforced concrete and masonry structures were presented. In addition to this, appropriate solutions are suggested.

Scope of the book chapter.

1. The internal structure of the earth
2. Tectonic plates
3. Geographical distribution of the 1700 earthquakes on the worldwide
4. +18. Normal fault graphical presentation and mechanism

In this book, Khan explains the latest theory, design applications and Code Provisions. Earthquake-Resistant Structures features seismic design and retrofitting techniques for low and high raise buildings, single and multi-span bridges, dams and nuclear facilities. The author also compares and contrasts various seismic resistant techniques in USA, Russia, Japan, Turkey, India, China, New Zealand, and Pakistan.