



Creep and Fracture of Ice (Paperback)

By Erland M. Schulson, Paul Duval

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 2018. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.This is the first complete account of the physics of the creep and fracture of ice, and their interconnectivity. It investigates the deformation of low-pressure ice, which is fundamental to glaciers, polar ice sheets and the uppermost region of icy moons of the outer Solar System. The book discusses ice structure and its defects, and describes the relationship between structure and mechanical properties. It reviews observations and measurements, and then interprets them in terms of physical mechanisms. The book provides a road-map to future studies of ice mechanics, such as the behaviour of glaciers and ice sheets in relation to climate change and the dating of deep ice cores. It also highlights how this knowledge is transferable into an understanding of other crystalline materials. Written by experts in the field, it is ideal for graduate students, engineers and scientists in Earth and planetary science, and materials science.

DOWNLOAD



READ ONLINE

[1.51 MB]

Reviews

Definitely one of the better ebook I have possibly read through. It usually will not charge excessive. You wont feel monotony at anytime of your own time (that's what catalogues are for regarding if you check with me).

-- **Prof. Jean Dare**

Excellent electronic book and valuable one. We have read and so i am sure that i am going to likely to study again once more in the foreseeable future. I am just happy to inform you that here is the very best book i have read during my personal lifestyle and might be he greatest book for possibly.

-- **Brendan Wuckert**