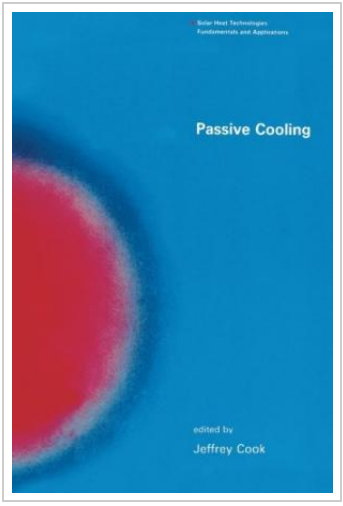

Passive Cooling

By Jeffrey Cook

MIT Press Ltd, United States, 2000. Paperback. Book Condition: New. Revised ed.. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Passive Cooling addresses all of the existing creative energyless means of keeping buildings cool. Unlike passive heating, which draws on the sun, passive cooling relies on three natural heat sinks - the sky, the atmosphere, and the earth to achieve temperature moderation. This book describes and evaluates mechanisms for coupling buildings to these sinks and ways of integrating multiple strategies into effective passive cooling systems.In Radiative Cooling, Marlo Martin explains how the sky specifically outer space - acts as the ultimate absorber to balance energy inputs from the sun as well as other sources. Ventilative Cooling by Subrato Chandra and Evaporative Cooling by John Yellott describe two ways in which the atmosphere can serve as a medium of heat transfer. The third natural heat sink the earth, is evaluated by Kenneth Labs in Earth Coupling. Gene Clark in Passive Cooling Systems explains how each of these cooling resources affects the design of a building in a dramatically different way and shows how they can be combined. And Jeffrey Cook reviews the current state of...

Reviews

Absolutely essential read through book. it was actually writtern quite properly and useful. Its been developed in an remarkably basic way and it is only following i finished reading through this ebook where really changed me, modify the way i believe.

-- ***Torrey Jerde***

This written publication is wonderful. It is rally fascinating throgh reading period. I discovered this book from my dad and i suggested this publication to find out.

-- ***Keshaun Daugherty***