DESCRIPTION

This book is a welcome response to the general concerns for the generation and conservation of energy in the future.

It gives a comprehensive overview of both the fundamental and applied aspects of solid polymer electrolytes.

Topics discussed include:

* Polymer Electrolyte-based Devices

* Homopolymer Hosts

* The Interaction between Polymer and Salt

* Conductivity in Polymer Electrolytes

* Polymer Electrolyte Architecture

* Transport Properties Effects of Dynamic Disorder

* The Electrode-Electrolyte Interface

Newcomers and experts alike will greatly benefit from the lucid and objective analysis this book provides.
ABOUT THE AUTHOR