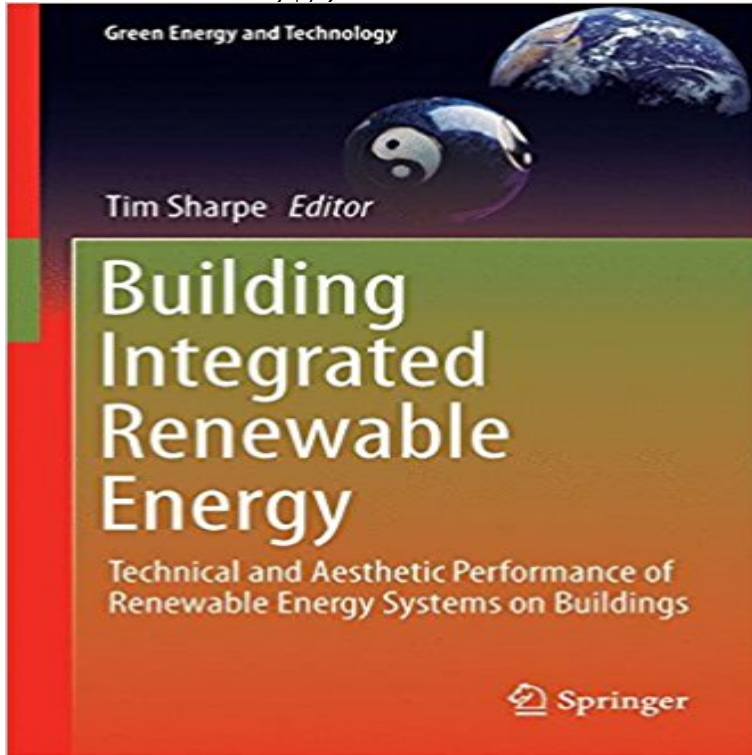


Building Integrated Renewable Energy: Technical and Aesthetic Performance of Renewable Energy Systems on Buildings (Green Energy and Technology)



This book examines the current state of the art for building-integrated, renewable systems. It provides an overview of current and emerging technologies and includes a number of sections discussing specific technologies used in buildings and the nature of both technical and visual integration, and presents a series of case studies showing effective systems. It also contextualizes the debates surrounding renewable energy systems in buildings, identifying different perspectives in relation to architectural design. After an overview of the field and the issues that arise, the sections discuss the renewable technologies that are being employed. Each includes a chapter with the key characteristics of the area, followed by a series of case studies, which include both new-build and existing buildings and are illustrated with photographs, technical and construction drawings and details of performance. With contributions from academics, industry and architects, it provides readers with an holistic overview of this field as well as examples of best practice and design approaches that can be pursued in future design projects.

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