

NEW! German Handbook

BUILDING INTEGRATED PHOTOVOLTAIC (BIPV)

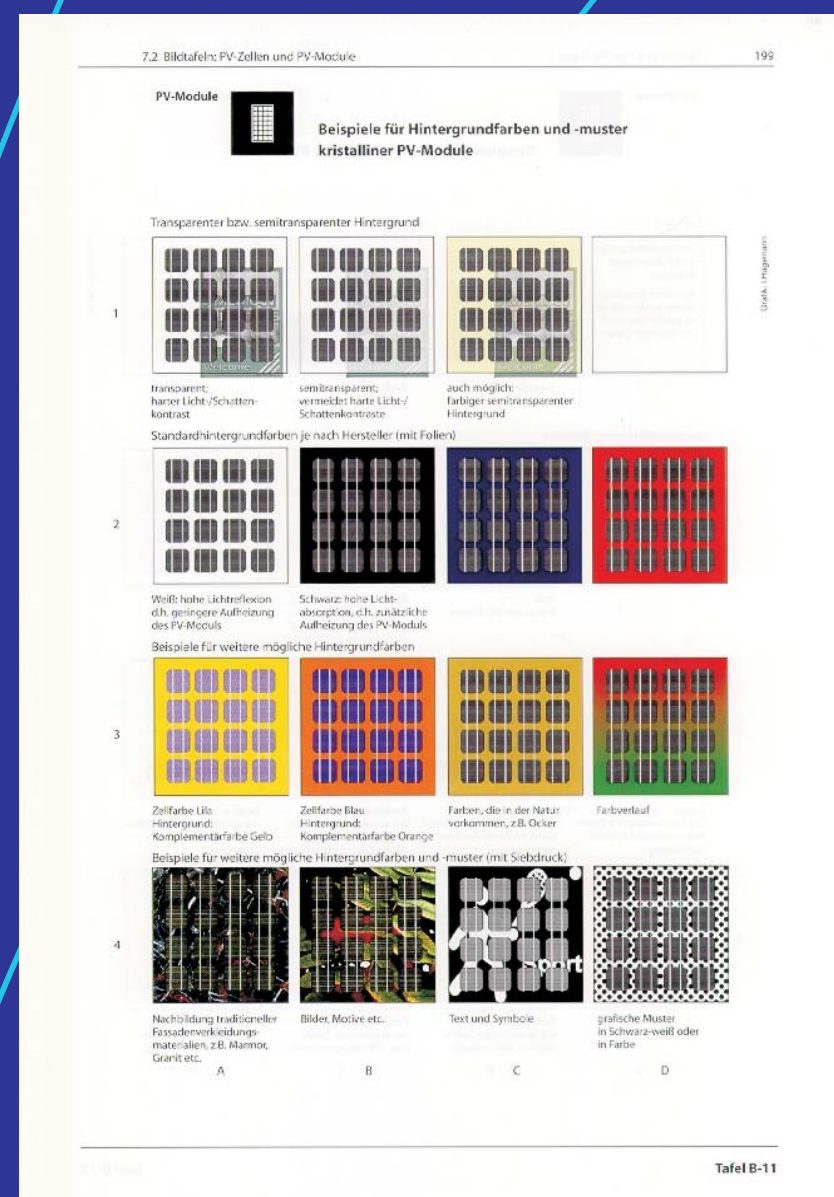
Architectural Integration of PV in the Building Envelope



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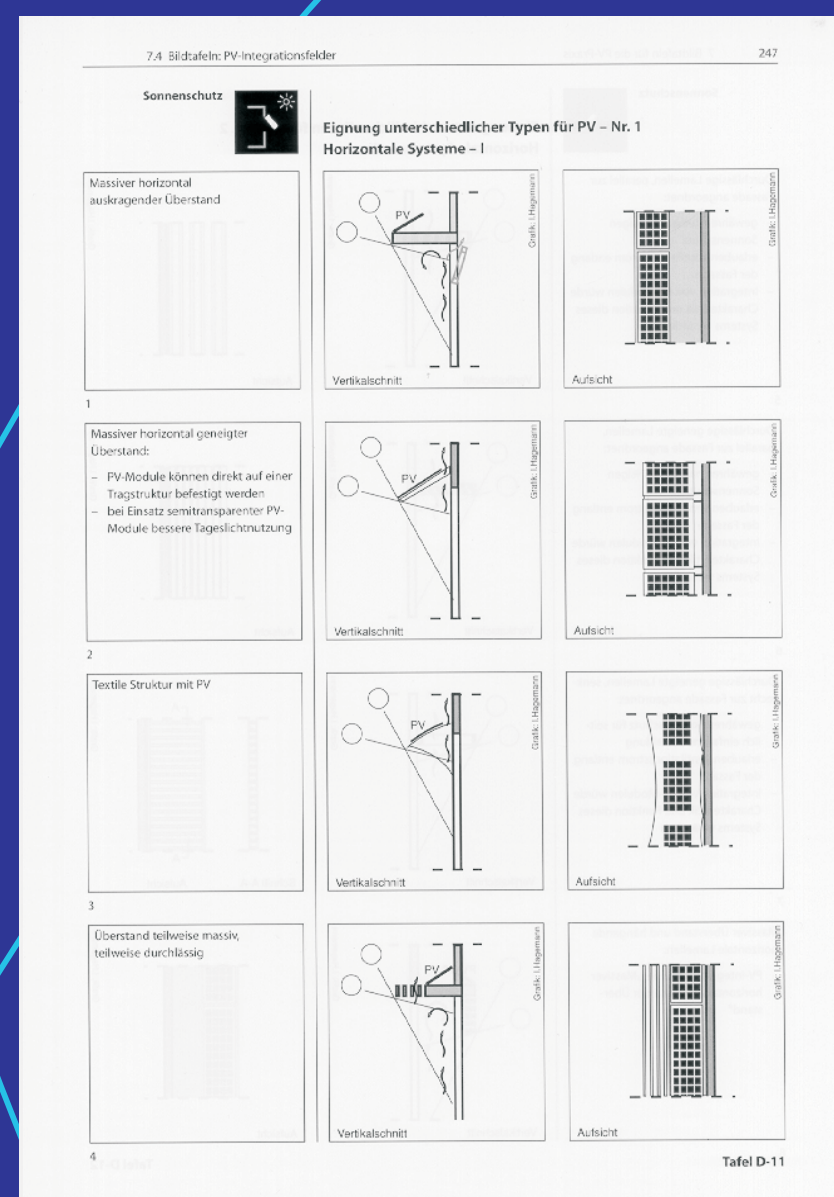
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[1]



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PV can make a decisive contribution towards converting a **building** form an energy consumer to an **energy producer**. Its integration into the building fabric allows for **diverse appealing and new design solutions**. BIPV is attractive for architects, designers and building owners.

This new handbook explains in detail, how to integrate successfully Photovoltaics into the building fabric with judicious design and structure and with a sensible energy concept.

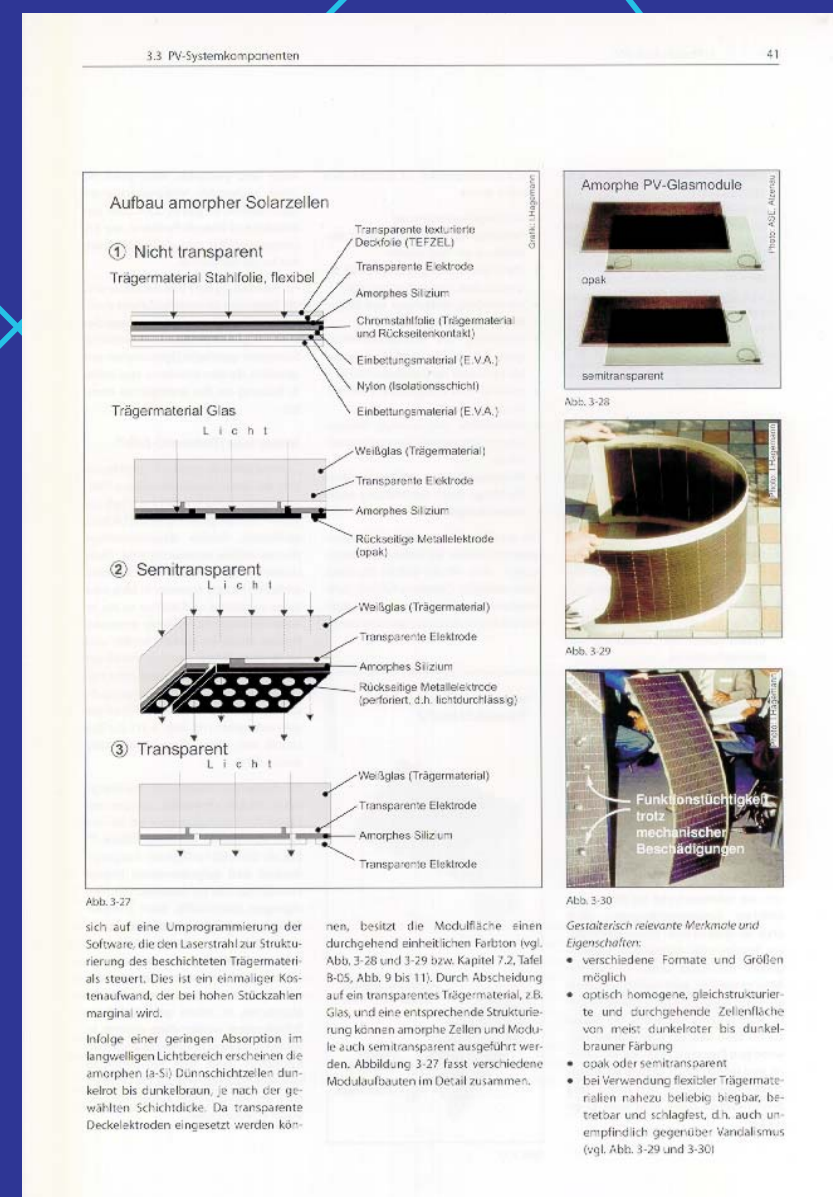
More than 1000 technical drawings, charts and photos help to make it an **easy to understand design guide** for the building practice. The book provides an **comprehensive knowledge and information base** about "Building Integrated Photovoltaic" (BIPV) and allows the development of a future orientated architecture with PV.

Press comments:

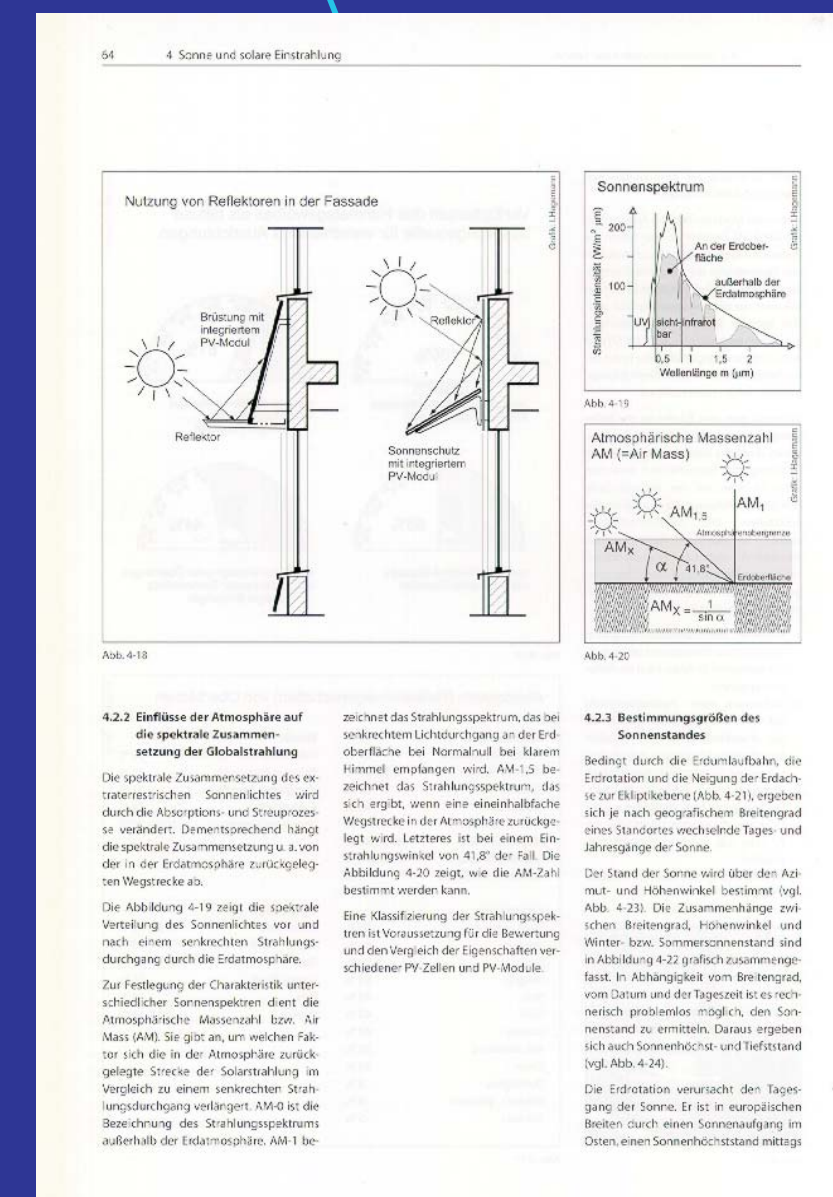
"... it has the makings of a classical book..."
(PHOTON)

"... the benchmark about this topic."
(LICHT)

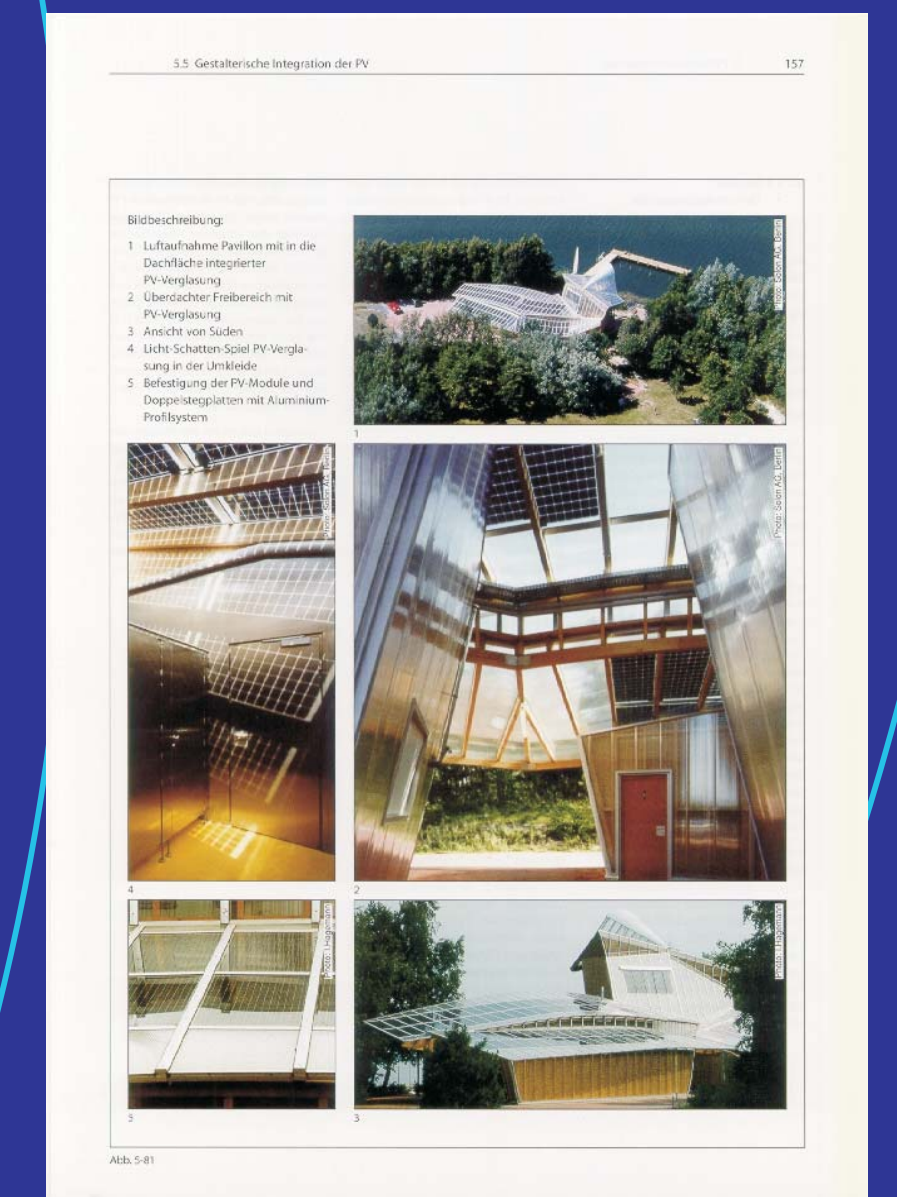
"... the reference work about this topic..."
(SOLARSERVER)



[5]



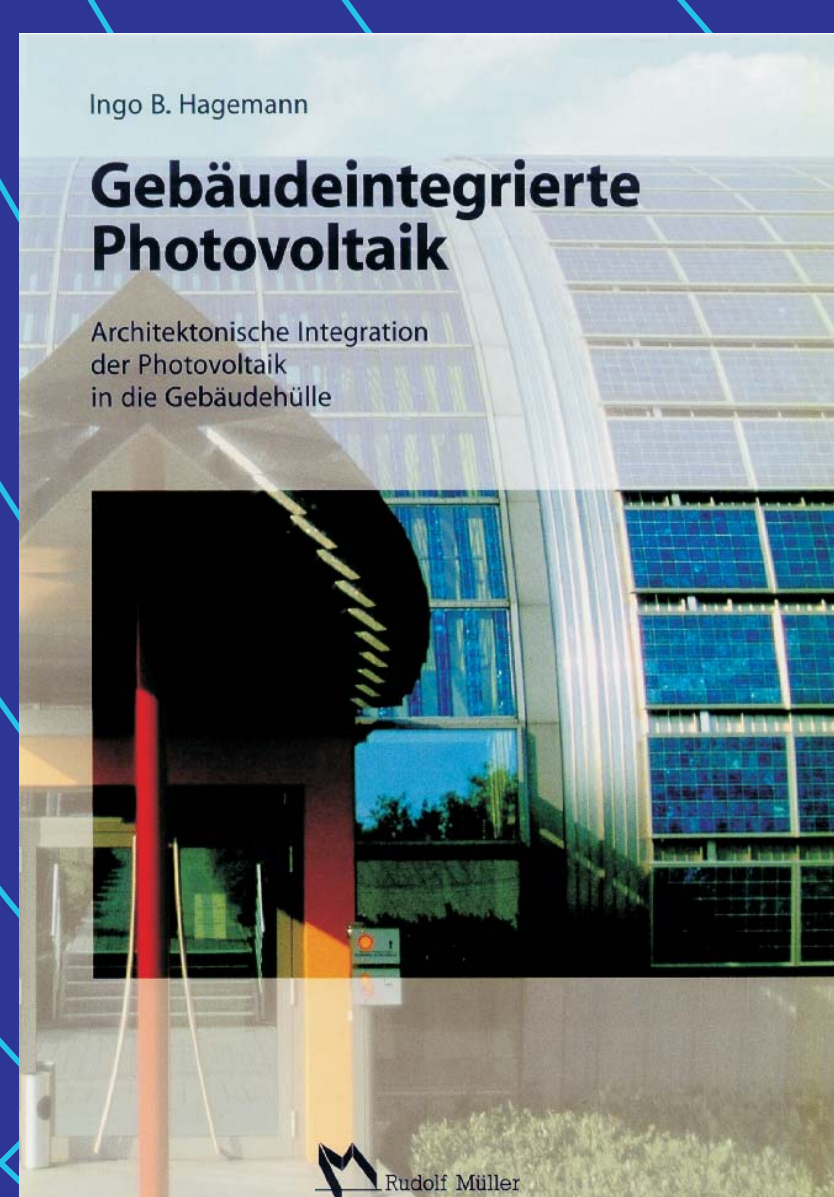
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Content of Book

- Utilisation perspectives of PV
- Electrical properties and peculiarities of PV systems engineering [5]
- PV-system components
- Sun and solar radiation [6]
- Structural integration of PV
- Energy-technical integration of PV
- Esthetical integration of PV [7]
- Definition of the conditions to create architectural successful BIPV
- Action objectives for overcoming planning + application problems
- Ecology
- Future developments of BIPV
- Planning information: 179 picture plates for the design practice [1 - 4]
- Overview of integration- and mounting technologies for BIPV [2]
- Detailed photo documentation of over 129 examples of BIPV [4]



GEBÄUDEINTEGRIERTE PHOTOVOLTAIK

Architektonische Integration der Photovoltaik in die Gebäudehülle. Köln: Rudolf Müller. 2002
Author: Ingo B. Hagemann. 432 pages with more than 1000 technical drawings, charts and photos.
Colour Print. DIN A4 format. Hardcover. ISBN 3-481-01776-6

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