

1. Record Nr.	UNINA9910346778303321
Autore	Mescher Jan
Titolo	Modellierung und Simulation semi-transparenter organischer Solarzellen
Pubbl/distr/stampa	KIT Scientific Publishing, 2015
ISBN	1000048185
Descrizione fisica	1 online resource (VII, 211 p. p.)
Soggetti	Technology: general issues
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	In this work the electrical and optical properties of semi-transparent organic solar cells are investigated. For this purpose an optoelectronic simulation model is developed and simulated results and experimental data are compared to each other. Besides the efficiency of the solar cells this work puts a special emphasis on the color properties of the light, which is transmitted through the semi-transmitted solar cells.