



On Reclaiming Land from Seas and Estuaries Papers .

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 52 pages. Original publisher: Golden, Colo. : National Renewable Energy Laboratory, 2008 OCLC Number: (OCoLC)263026982 Subject: Photovoltaic cells -- Research. Excerpt: . . .) Further studies were done using a 30 mW, (V 0. 40 Valence bandtail near-infrared (685 nm wavelength) laser. s J ax We chose to use this laser because its 0. 35 m P wavelength is absorbed fairly uniformly er 0. 30 throughout the intrinsic layers of the cells, Pow 0. 25 which simplifies modeling of the Deep edlevels 0. 20 measurements. In Fig. 5 we present the aliz temperature-dependent normalized d 893 nm orm0. 05 20-3-1 maximum power density $P(T) J(T) G$ 3. 3 x 10 cm s (295 K) MAX s N 0. 00 and V (T) for four cells with differing OC 250 300 350 intrinsic-layer thickness. J is the s Temperature (K) photocurrent density measured at - 2 V, which is a good approximation to the Fig. 6. Temperature-dependent calculations for P J MAX s saturated reverse-bias photocurrent over of an a-Si: H nip solar...



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