1. Record Nr. UNINA9910782760903321 Autore Bamfield P (Peter) **Titolo** Chromic phenomena [[electronic resource]]: the technological applications of colour chemistry / / Peter Bamfield Cambridge,: Royal Society of Chemistry, c2001 Pubbl/distr/stampa **ISBN** 1-84755-053-3 Descrizione fisica 1 online resource (395 p.) Disciplina 547.135 Soggetti Chromic materials Color Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references and index. Nota di bibliografia Front cover; 00 i-xx; 00\_1-6; 01\_7-74; 02\_75-154; 03\_155-244; Nota di contenuto 04\_245-304; 05\_305-356; 06\_357-362; 07\_363-374 Sommario/riassunto Chromic phenomena, or those produced by materials which exhibit colour in response to a chemical or physical stimulus, have increasingly been at the heart of 'high-tec' developments in a variety of fields in the last decade. Many of the newer technologies, which are at the cutting edge of research, are multi-disciplinary, involving researchers from areas as diverse as physics, biology, materials science and electronic engineering. Chromic Phenomena covers five main areas: Colour

change materials, such as photochromic, thermochromic and

electrochromic materials. Materials which absorb