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Nota di contenuto	section I. Transparent conducting and semiconducting oxides -- section II. Materials for solid state lighting -- section III. Science and engineering of novel superconductors -- section IV. Electromagnetic metamaterials.
Sommario/riassunto	The 38 peer-reviewed papers collected here together offer a plenitude of up-to-date information on ""Transparent Conducting and Semiconducting Oxides, Solid State Lighting, Novel Superconductors

and Electromagnetic Metamaterials"". The papers are conveniently arranged into TRANSPARENT CONDUCTING AND SEMICONDUCTING OXIDES, Materials Design and Device Development, Applications, MATERIALS FOR SOLID STATE LIGHTING, SCIENCE AND ENGINEERING OF NOVEL SUPERCONDUCTORS, ELECTROMAGNETIC METAMATERIALS. This special volume has also been published online in the series, ""Advances in Science and Technology""