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	Autore	Gayet, Albert Jean
	Titolo	Fantomes d'Antinoë : Les sèpulture de Leukyoné et Myrithis / Al. Gayet
	Pubbl/distr/stampa	Paris, : Société Francaise d'Editions d'Art, 1904
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2.	Record Nr.	UNISA996466743803316
	Autore	Otte Eileen
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	Nota di contenuto	Introduction and Outline -- Vectorial light fields and singularities in 3d space -- Non-paraxial 3d polarization in 4d light fields -- Entanglement in classical light -- Bibliography.
	Sommario/riassunto	Structured singular light is an ubiquitous phenomenon. It is not only created when light refracts at a water surface but can also be found in the blue daytime sky. Such light fields include a spatially varying

amplitude, phase, or polarization, enabling the occurrence of optical singularities. As structurally stable units of the light field, these singularities are particularly interesting since they determine its topology. In this excellent book, the author presents a pioneering study of structured singular light, thereby contributing many original approaches. Especially in the field of polarization and its rich number of different types of singularities the book defines and drives a completely new field. The work demonstrates how to control complex polarization singularity networks and their propagation. Additionally, the author pioneers tightly focusing vectorial beams, also developing an urgently needed detection scheme for three-dimensional nanoscale polarization structures. She also studies classical spatial entanglement using structured light, introducing entanglement beating and paraxial spin-orbit-coupling. The book is hallmarked by its comprehensive and thorough way of describing a plethora of different approaches to structure light by amplitude, phase and polarization, as well as the important role of optical singularities. .
