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Autore	Stavroudis O. N (Orestes Nicholas), <1923->
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5.8 The Eikonal Equation. The General Solution; 5.9 The Eikonal Equation. Proof of the
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9.7 Conclusions

Sommario/riassunto

In this sequel to his book, "The Optics of Rays, Wavefronts, and Caustics," Stavroudis not only covers his own research results, but also includes more recent developments. The book is divided into three parts, starting with basic mathematical concepts that are further applied in the book. Surface geometry is treated with classical mathematics, while the second part covers the k-function, discussing and solving the eikonal equation as well as Maxwell equations in this context. A final part on applications consists of conclusions drawn or developed in the first two parts of the book, discussi
