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Wave Theory of Information
Preferably, the detection
equipment antenna which
receives the EMI signals
from the ... and other
systems", Proceedings of
Crypto'96, Springer-Verlag,
August 1996, pages 104–113.
[16] Kocher, Jaffe ...

*A Security Tagging Scheme
for ASIC Designs and
Intellectual Property Cores*
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Techniques based on the method of modal expansions, the Rayleigh-Stevenson expansion in inverse powers of the wavelength, and also the method of moments solution of integral equations are essentially restricted to the analysis of electromagnetic radiating structures which are small in terms of the wavelength. It therefore becomes necessary to employ approximations based on "high-frequency techniques"

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Springer for performing an efficient analysis of electromagnetic radiating systems that are large in terms of the wavelength. One of the most versatile and useful high-frequency techniques is the geometrical theory of diffraction (GTD), which was developed around 1951 by J. B. Keller [1,2,3]. A class of diffracted rays are introduced systematically in the GTD via a generalization of the concepts of classical geometrical optics (GO). According to the GTD these diffracted rays exist in addition to the usual incident, reflected, and transmitted rays of GO. The diffracted rays in the GTD

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originate from certain "localized" regions on the surface of a radiating structure, such as at discontinuities in the geometrical and electrical properties of a surface, and at points of grazing incidence on a smooth convex surface as illustrated in Fig. 1. In particular, the diffracted rays can enter into the G0 shadow as well as the lit regions.

Consequently, the diffracted rays entirely account for the fields in the shadow region where the G0 rays cannot exist.

Techniques based on the method of modal expansions,

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Incidence on a smooth convex surface as illustrated in Fig. 1. In particular, the diffracted rays can enter into the G0 shadow as well as the lit regions.

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The Handbook of Antenna Technologies aims to present the rapid development of antenna technologies, particularly in the past two decades, and also showcasing the newly developed technologies and the latest

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This book is focused on wireless infrastructure deployment in modern transportation markets,

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This book covers resonating modes inside device and gives insights into antenna design, impedance and radiation patterns. It discusses how higher-order modes generation and control impact bandwidth and antenna gain. The text covers new approaches in antenna design

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by investigation hybrid modes, H_Z and E_Z fields available simultaneously, and analysis and modelling on modes with practical applications in antenna design. The book will be prove useful to students, researchers and professionals alike.

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