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Sommario/riassunto	The plasma antenna is an emerging technology that partially or fully utilizes ionized gas as the conducting medium instead of metal to create an antenna. The key advantages of plasma antennas are that they are highly reconfigurable and can be turned on and off. The disadvantage is that the plasma antennas require energy to be ionized. This unique resource provides you with a solid understanding of the efficient design and prototype development of plasma antennas, helping you to meet the challenge of reducing the power required to ionize the gas at various plasma densities. You also find thorough coverage of the technical underpinnings of plasma antennas, as well as important discussions on current markets and applications. Additionally, the book presents experimental work in the this cutting-

edge area and reveals the latest developments in the field. This in-depth reference is supported with over 70 illustrations and more than 110 equations.

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