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πλάσμα, *plasma*, meaning 'moldable substance') is one of the four fundamental

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Abstract. An early concept of gas ionization by EM wave fields was introduced by Bailey [1] in studies on the propagation of strong radio waves in the ionosphere. In later years, with the start of extended research on problems involving high-power microwave transmission (radar waveguides and antenna systems), space-earth communication and HF heating of thermonuclear plasmas, the phenomenon of ...

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