

Abstracts

Thirty Years of Microwaves in China

H. Hung-chia. "Thirty Years of Microwaves in China." 1982 MTT-S International Microwave Symposium Digest 82.1 (1982 [MWSYM]): 2-6.

This report is a brief survey of the evolution of microwave art in China through its several stages in the past thirty years. After a historical account of the Chinese microwaves, the author has endeavored to provide a cross-sectional view of the current state of the microwave art in this country. Emphasis is laid on some typical microwave systems, on microwave solid state devices and integrated circuits, on the efforts made by the Chinese microwave people in pushing the frequency to the short millimeter or submillimeter wavelength range with a view to covering the entire electromagnetic spectrum, and on exploring novel microwave applications which appear potentially attractive and very promising. A survey of the past and the present shows that remarkable progress in microwave R&D has been made in China, despite long periods of hard times. However, it is expected that more years of assiduous effort will be required in many areas of the microwave art before the advanced standards in other parts of the world can be attained.

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