

Abstracts

Adapting Microwave Techniques to Help Solve Future Energy Problems (Dec. 1973 [T-MTT])

W.C. Brown. "Adapting Microwave Techniques to Help Solve Future Energy Problems (Dec. 1973 [T-MTT])." 1973 Transactions on Microwave Theory and Techniques 21.12 (Dec. 1973 [T-MTT] (1973 Symposium Issue)): 753-763.

The relationship between microwave techniques and the growing concern for future sources of energy is reviewed. The relationship is specifically explored in the use of a microwave beam to efficiently transport power from an array of solar photovoltaic cells in space to the earth's surface. The transition from a laboratory technology of microwave power transmission to a 10-GW 200-mi transmission system is examined in detail.

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