

Abstracts

Adapting Microwave Techniques to Help Solve Future Energy Problems (1973 [MWSYM])

W.C. Brown. "Adapting Microwave Techniques to Help Solve Future Energy Problems (1973 [MWSYM])." 1973 G-MTT International Microwave Symposium Digest of Technical Papers 73.1 (1973 [MWSYM]): 189-191.

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. Recent advances in power conversion technology and experimental results on overall efficiency of free-space power transmission are reviewed.

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