

# Abstracts

## Application of a Property of the Airy Function to Fiber Optics (Short Papers)

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*J.A. Arnaud and W. Mammel. "Application of a Property of the Airy Function to Fiber Optics (Short Papers)." 1975 Transactions on Microwave Theory and Techniques 23.11 (Nov. 1975 [T-MTT]): 927-929.*

The integral of the square of the Airy function from one of its zeros to infinity is equal to the square of the first derivative of the Airy function at the zero considered. Two important applications of this result to fiber optics are discussed.

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