

# Abstracts

## Observation and Application of High-Order Azimuthal Modes in a Fabry-Perot Resonator (Short Papers)

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*C.W. Erickson. "Observation and Application of High-Order Azimuthal Modes in a Fabry-Perot Resonator (Short Papers)." 1976 Transactions on Microwave Theory and Techniques 24.10 (Oct. 1976 [T-MTT]): 673-674.*

High-order azimuthal modes ( $p = 0$ ,  $l > 20$ ) were excited at 10 GHz in a Fabry-Perot resonator. The energy of these modes is distributed in a ring around an energy-free central axis, which lends itself to safety applications on rotating machinery and in measuring density profiles of cylindrical plasmas.

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