

Abstracts

An Orthogonal Coordinate System for Curved Pipes (Correspondence)

C.H. Tang. "An Orthogonal Coordinate System for Curved Pipes (Correspondence)." 1970 Transactions on Microwave Theory and Techniques 18.1 (Jan. 1970 [T-MTT]): 69-69.

To facilitate the study of wave propagation along curved structures, such as curved waveguides and antennas, it is desirable to have an orthogonal coordinate system for an arbitrary smooth curve. Such a coordinate system can be derived from the Serret-Frenet frame of the curve.

[Return to main document.](#)