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Autore	Pregla Reinhold
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 plasma
 4.2.5 GTL equations for r-direction

Sommario/riassunto

The Method of Lines (MOL) is a versatile approach to obtaining
 numerical solutions to partial differential equations (PDEs) as they
 appear in dynamic and static problems. This method, popular in
 science and engineering, essentially reduces PDEs to a set of ordinary
 differential equations that can be integrated using standard numerical
 integration methods. Its significant advantage is that the analysis
 algorithms follow the physical wave propagation and are therefore
 efficient. This is because the fields on the discretisation lines are
 described by generalised transmission line (GTL) equations.