Abstracts

First-Order Propagation in Moving Media (Correspondence)

In a recent paper, vector relations were established, leading to the wave equation in moving media. Essentially, we derived Tai's wave equation and three spatially independent vector solutions. Collier and Tai and Du and Compton discuss propagation in waveguides filled with axially moving media. Here we consider the first-order theory to get a relatively simple formalism, and discuss a few cases of interest.

❏ Return to main document.