

1128-92-306

Frank H Lynch* (lynch@ewu.edu), 216 Kingston Hall, Eastern Washington University, Cheney, WA 99004. *Decomposing leaf hydraulic conductance with a hybrid numerical method.*

We analyze a hybrid numerical method used to solve an initial value problem where an unknown parameter is chosen to satisfy one additional boundary condition. Physically, the determination of the unknown parameter is equivalent to decomposition of total leaf hydraulic conductance into components in the axial and radial directions. (Received February 28, 2017)