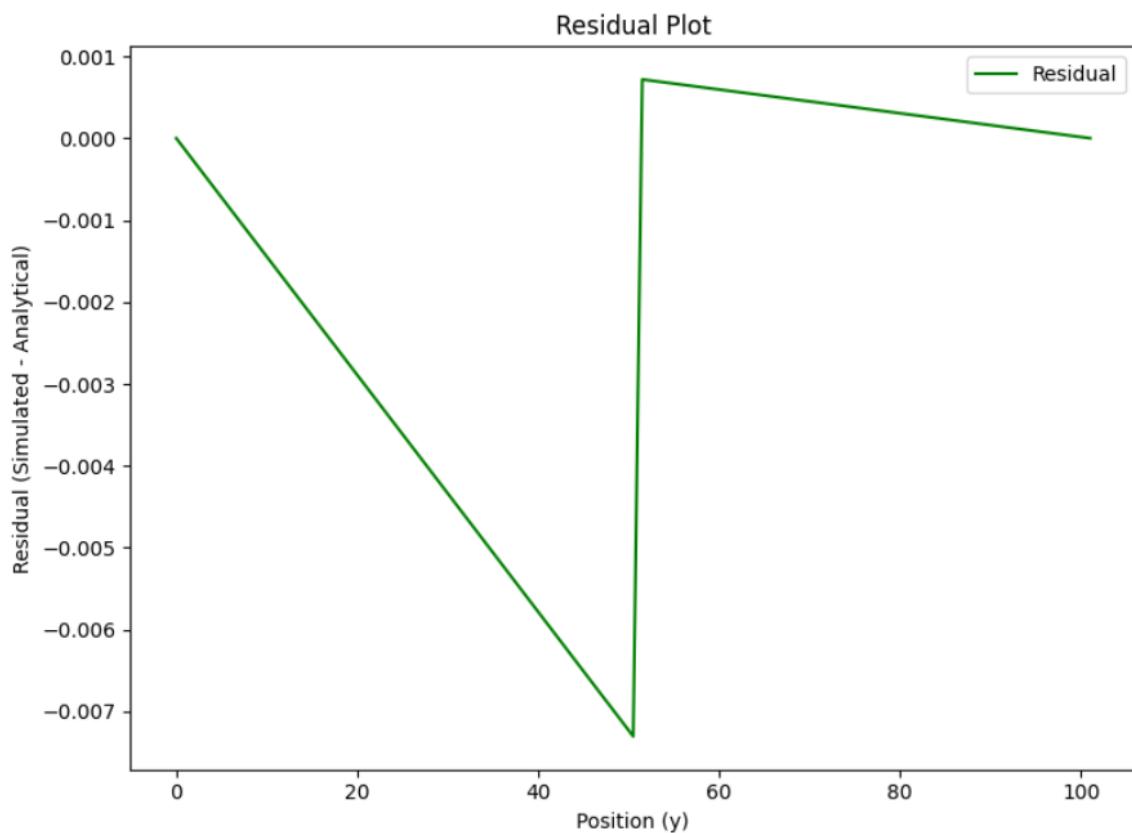
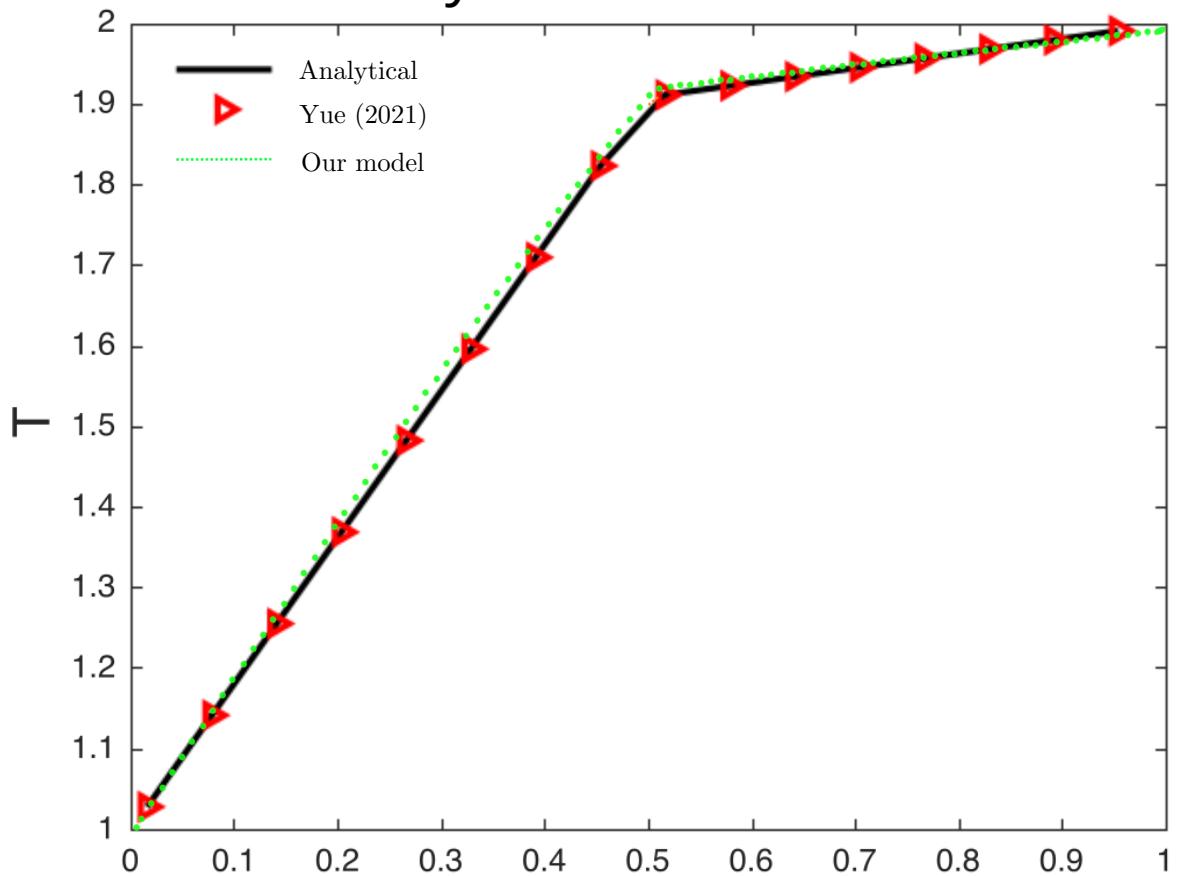


Conductivity ratio $kr = kf / ks = 0.1$



Comparison with problem described in figure 2 in Yue et al. (2021) - "A lattice Boltzmann model for the conjugate heat transfer" and the residual to the analytical solution shown in their figure 3(c).