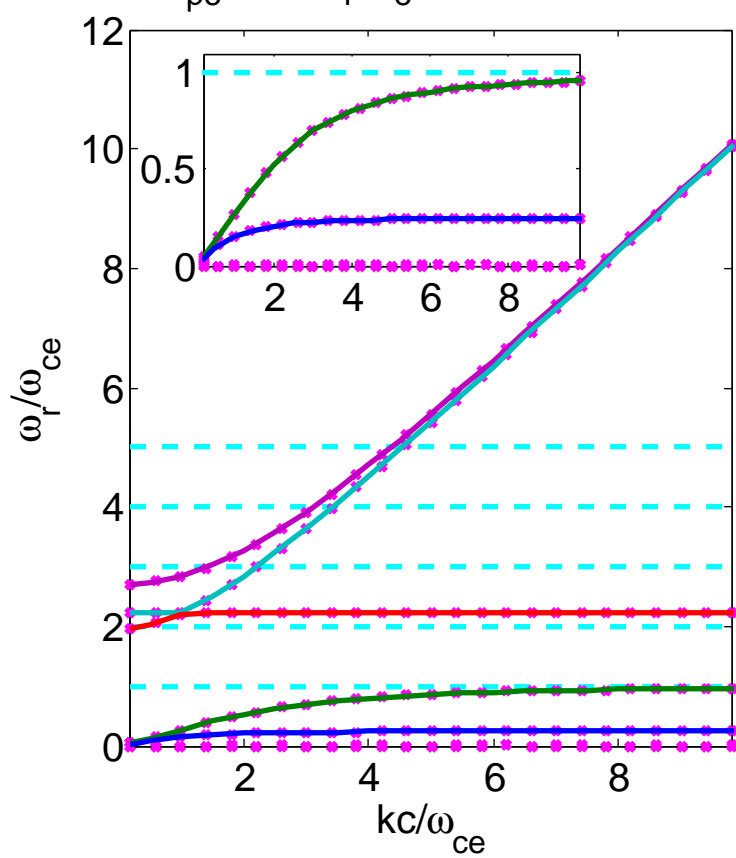


(a) $\omega_{pe}=-2$, $m_i/m_e=4$, $N=1$, $\theta=0.057296$



(b) $J=8$, $NN=438$

