



— reference metric perturbations  $h_f(a)$       — physical metric perturbations  $h_g(a)$   
 for  $k = 0.01$ ,  $\alpha_{Mg} = 0$ ,  $c_{Tg} = c_{Tf} = 1$ ,  $m_g = m_f = 0$ ,  $q_g = 1$ ,  $q_f = 0$