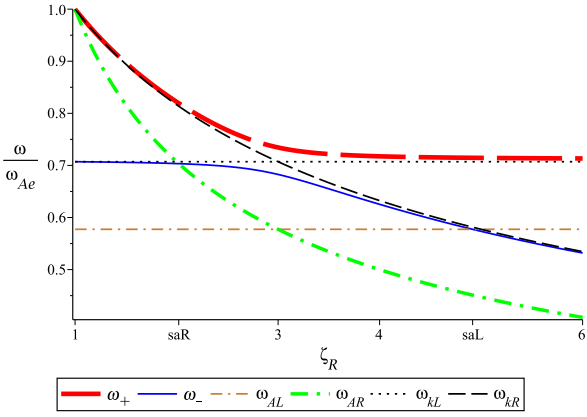
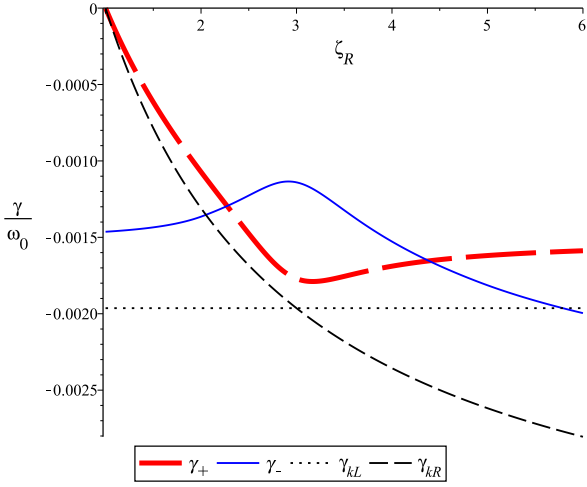
$$\frac{d}{R} = 3 \quad , \quad \zeta_L = 3$$



(a)



(b)