

FIG. 2: The temperature dependence of the normalized amplitudes Z_i , B_i , and W_i of first ($i = 1$) and second sound ($i = 2$) in a Fermi gas at unitarity.

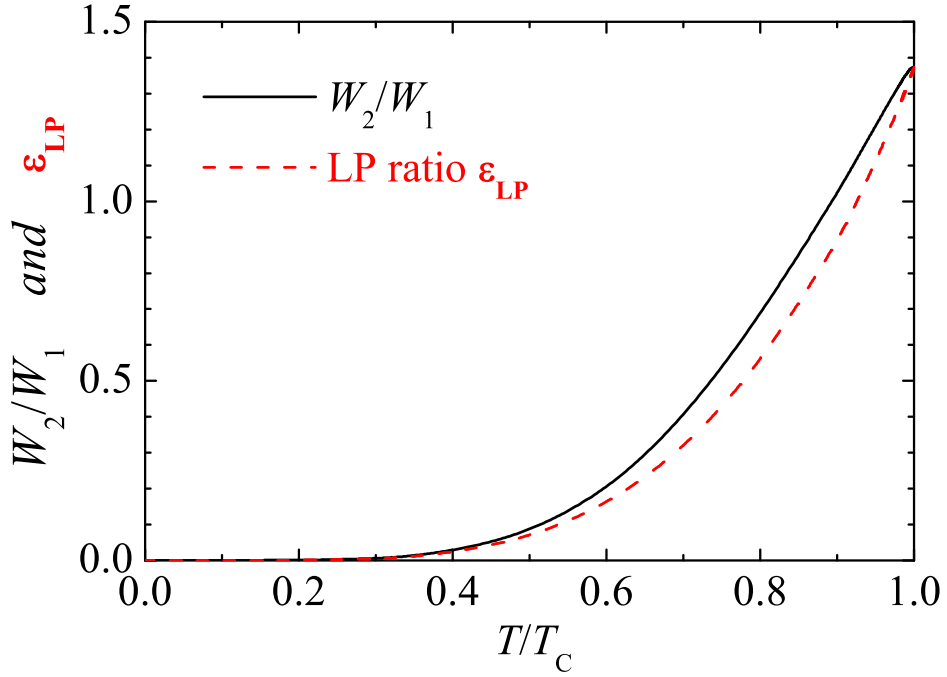


FIG. 3: Comparison between the ratio of the second and first sound amplitudes (W_2/W_1) and the Landau-Placzek ratio $\epsilon_{\text{LP}} = \gamma - 1$ in a unitary Fermi gas.