$N_{\rm kp} = 1000, \ U = 0.3, \ \Gamma = 0.1, \ \epsilon_d = -0.1, \ B = 0.05, \ D = 1.$  $\times 10^{-1}$ 7  $\begin{array}{c} \Sigma^{\mathrm{FG}}_{\uparrow} \\ \Sigma^{\mathrm{IFG}}_{\uparrow} \end{array}$ 6 5 2 1 0  $\times 10^{-1}$ 4.0  $\begin{array}{c} \Sigma^{\mathrm{FG}}_{\downarrow} \\ \Sigma^{\mathrm{IFG}}_{\downarrow} \end{array}$ 3.5 3.0 2.5 1.5 1.0 0.5 0.0 -1.00-0.75-0.50-0.250.25 0.50 0.75 0.00 1.00

 $\omega/D$ 

 $-\mathrm{Im}\,\Sigma_{\uparrow}(\omega)/\Gamma$