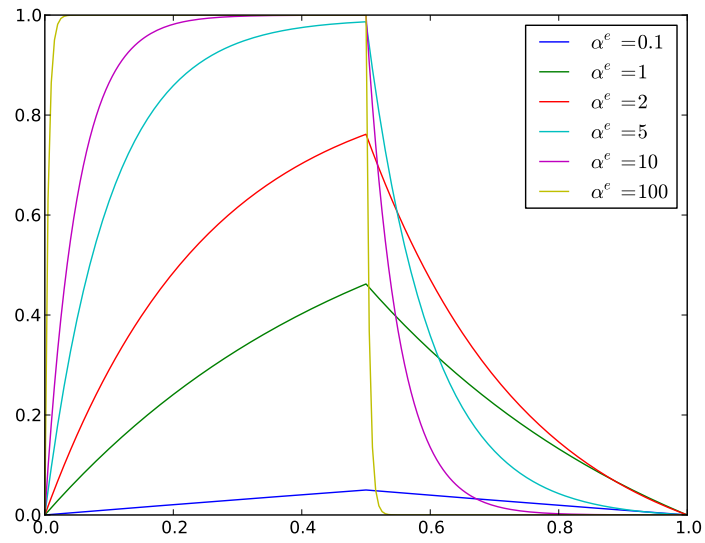


Problem 8.1

b) Cross sections of $g'_e(x, y)$ at $y = 0.5$ for $u = h^e = 1$.



c) Elevation plots of $g'_e(x, y)$ for $u = h^e = 1$.

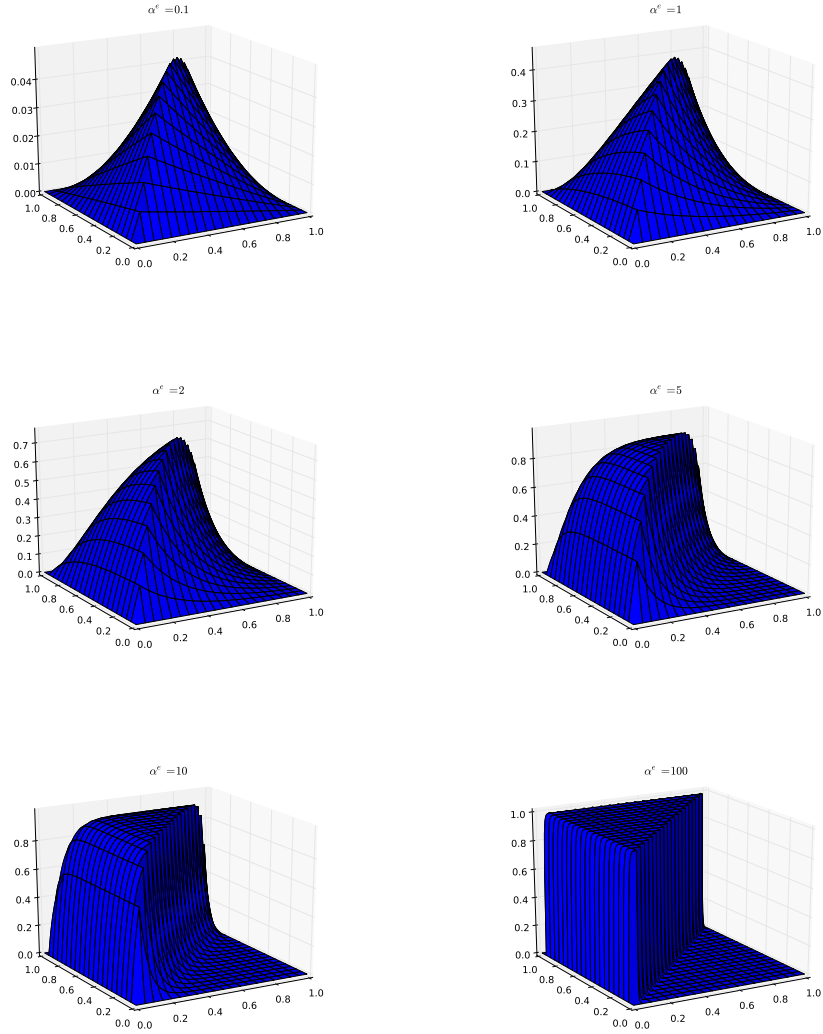


Figure 1: Element Green's function for the one-dimensional advection-diffusion

Problem 8.2

Plots of residual free bubbles for $u = h^e = 1$.

