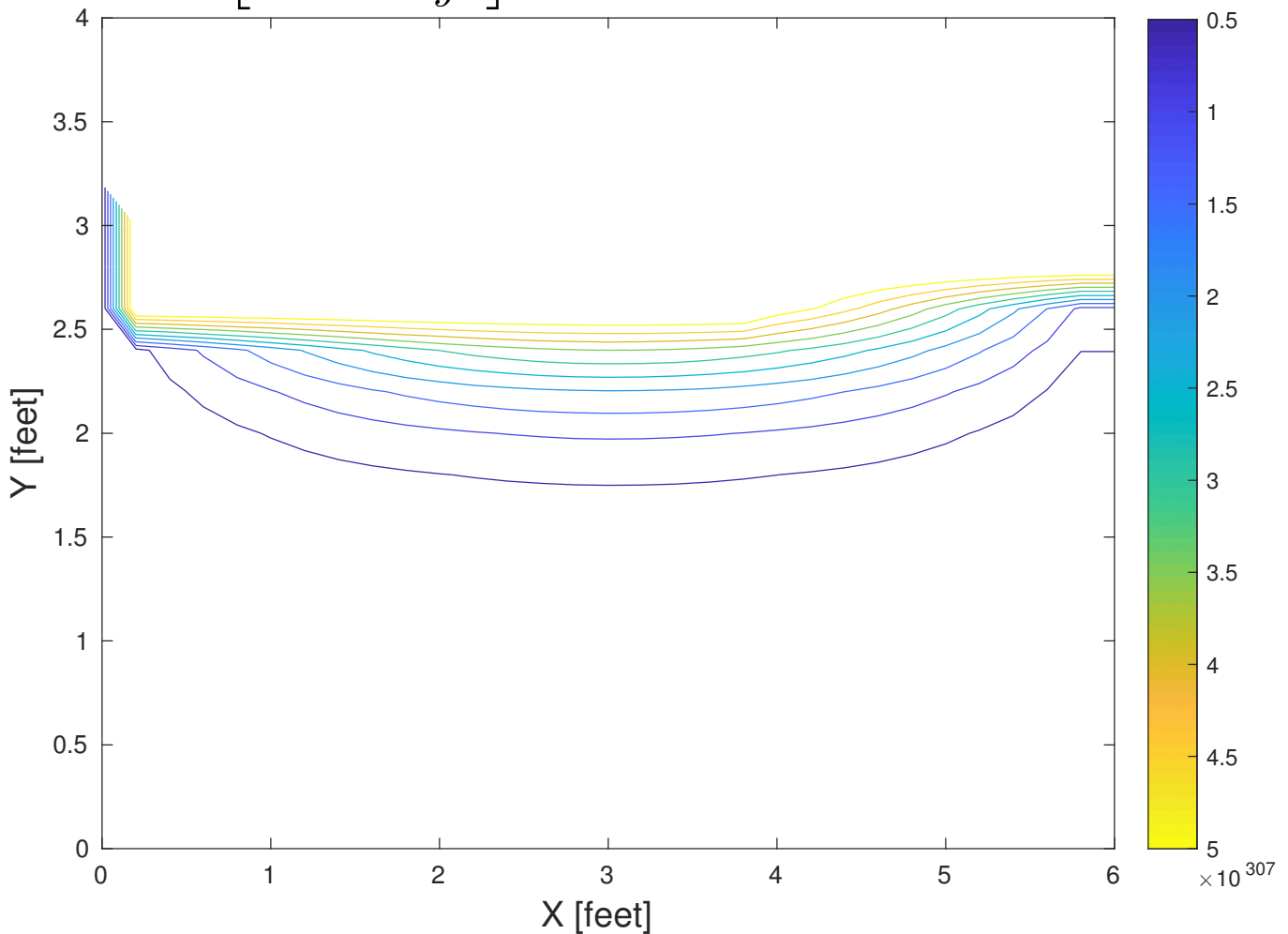Solving $\left[\dfrac{\partial^2 \Psi}{\partial x^2} + \dfrac{\partial^2 \Psi}{\partial y^2}\right] = 0$ using Line SOR at w = 1.5

For Line SOR, the solution reaches optimum convergence at a lower w than Point SOR. Still, passing this optimal value causes divergence. We can see that the code tries to keep the derivative boundary condition (dPsi/dx = 0) on the right hand side, but due to the divergence of earlier data points, this does not help it to converge.