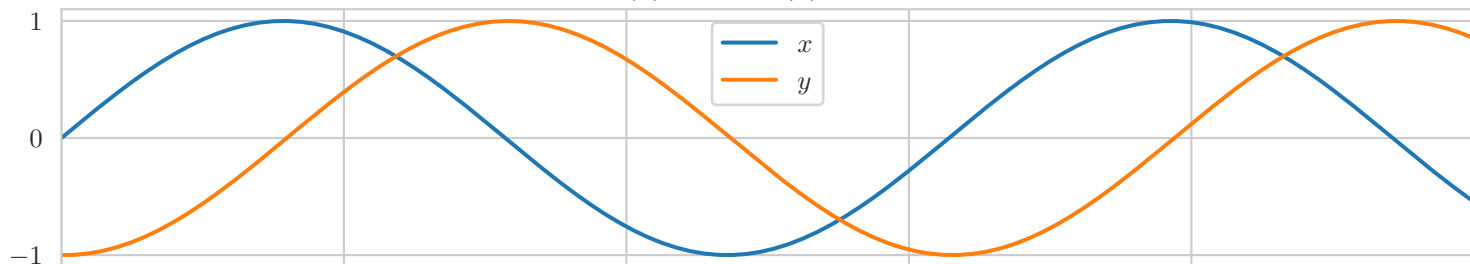
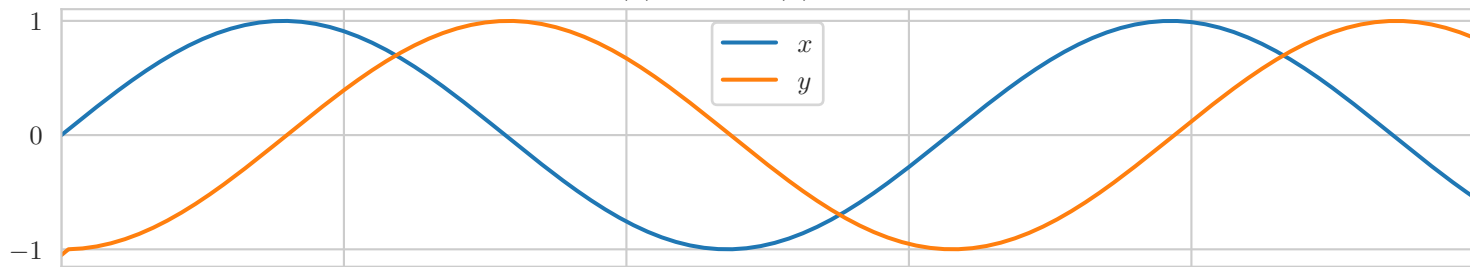


Solutions to index-2 DAE system using Implicit Euler (BDF1)

$$x(0) = 0.0, y(0) = -1.0$$



$$x(0) = 0.0, y(0) = -1.05$$



$$x(0) = 0.05, y(0) = -1.0$$

