$$2.5 \times 1 = \frac{2}{3} \times 1 + \frac{1}{2}$$

$$6x'(x) = \frac{2}{3} - \frac{2}{3} = 0 \longrightarrow \text{Configuration}$$

$$|y'(x)| = \frac{2}{3} - \frac{2}{3} = 0 \longrightarrow \text{Configuration}$$

$$|y''(x)| = \left|\frac{6}{3}\right| \approx 1.38770 \longrightarrow \text{Quadratic convergence}$$