

Figure 1: Forward elimination - backward substitution (Gauss-Jordan) for $N = 8, 100, 1000$ gridpoints

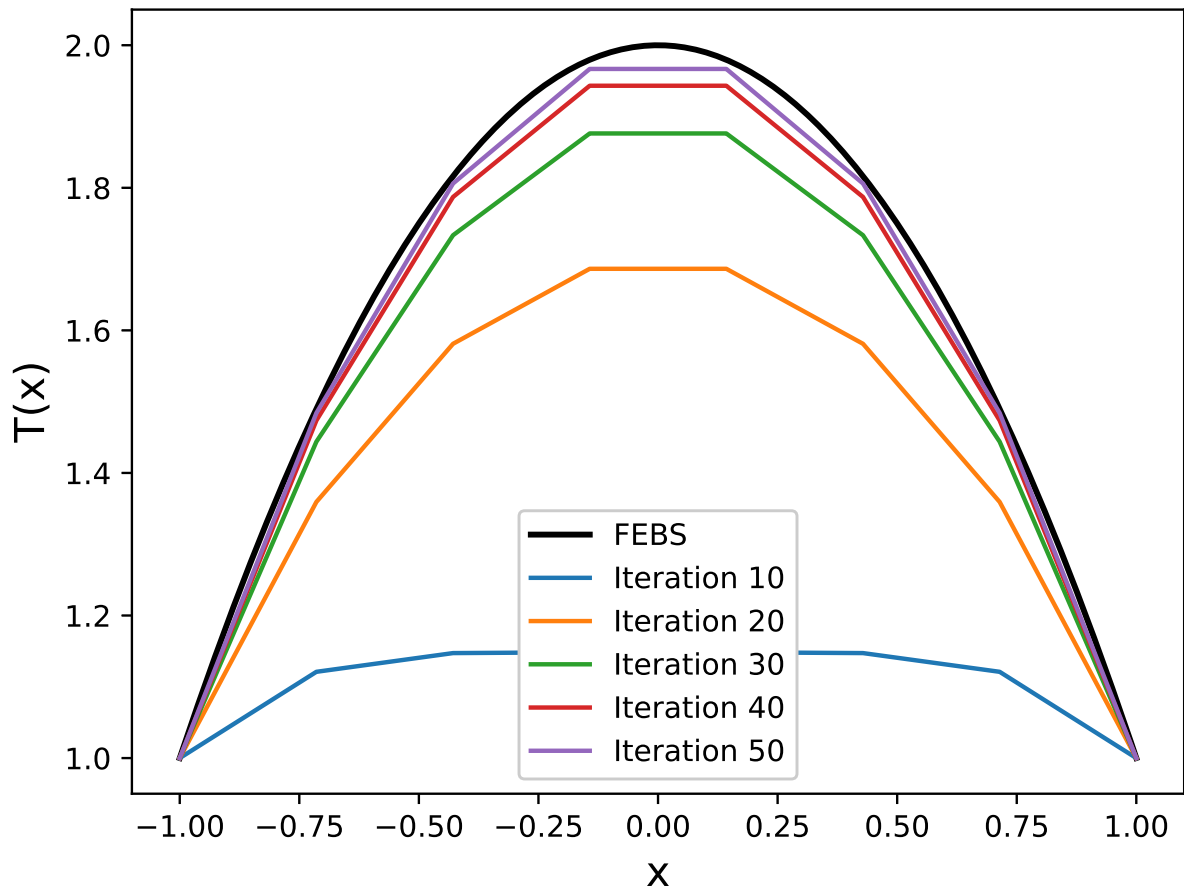


Figure 2: Comparison between the forward elimination - backward substitution method for $N = 1000$ gridpoints and 50 Jacobi iterations with $N = 8$ gridpoints

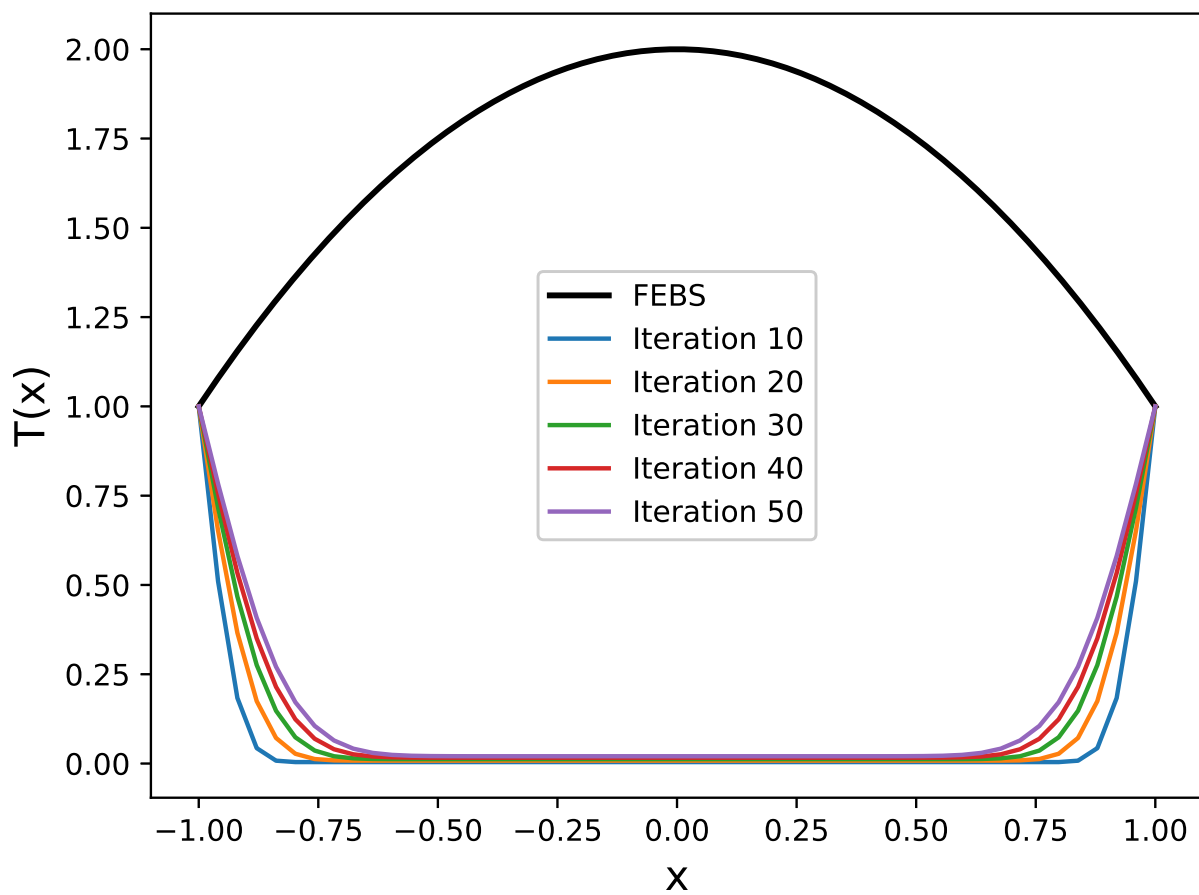


Figure 3: Comparison between the forward elimination - backward substitution method for $N = 1000$ gridpoints and 50 Jacobi iterations with $N = 100$ gridpoints