

### **EX.1.4.5, Sauer3**

Consider the equation  $8x^4 - 12x^3 + 6x^2 - x = 0$ . For each of the two solutions  $x = 0$  and  $x = 1/2$ , decide which will converge faster (say, to eight-place accuracy), the Bisection Method or Newton's Method, without running the calculations.