Solving nonlinear equations $(\Pi$ axeb f: R→R fuction Ax=b Have: $\int [x] = x^3 - x + 1 \qquad \int (x) = 10^{3}$ Want: × sud that f(x)=y Rewrite the problem so that we only need g(x) = 0 (i.e. no explicit right-hand side) g(x) = f(x) - y f(x) = g(x) = 0

