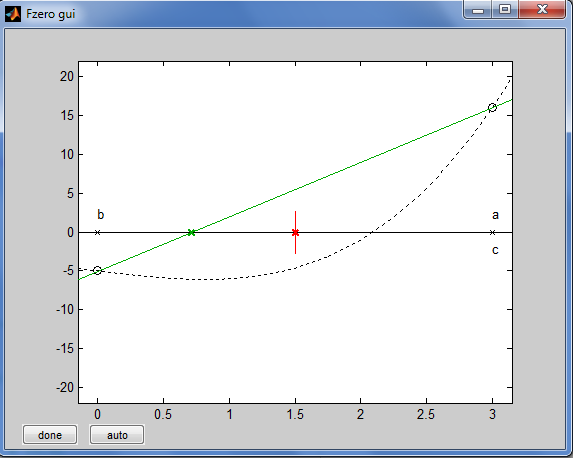
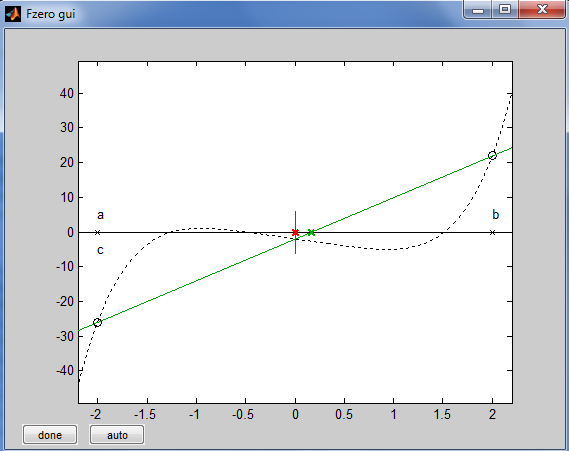
ΑΣΚΗΣΗ 1

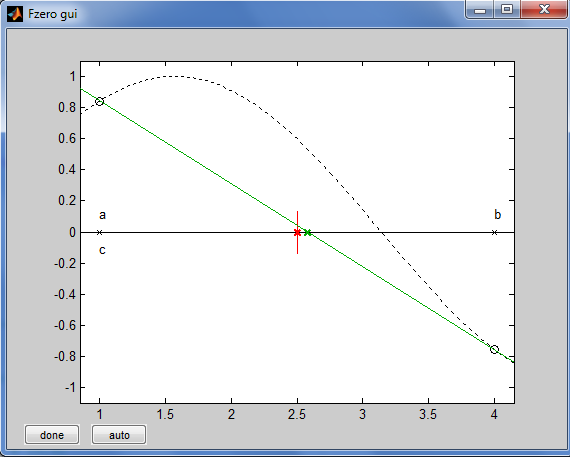
x^3-2\*x-5 [0,3]



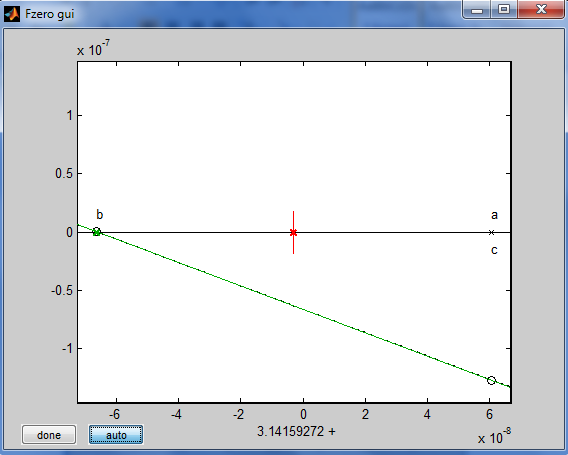


x^5-4\*x-2 [-2,2]

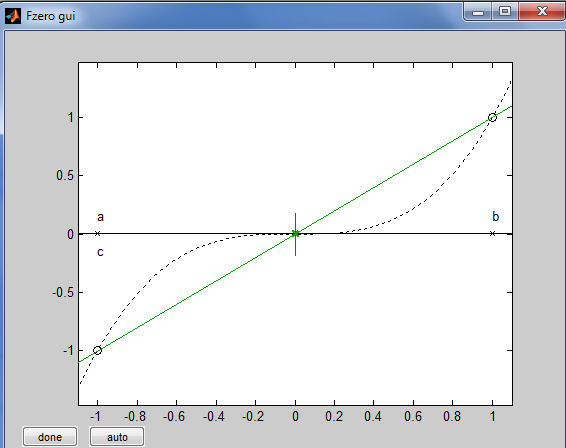
sin(x) [1,4]



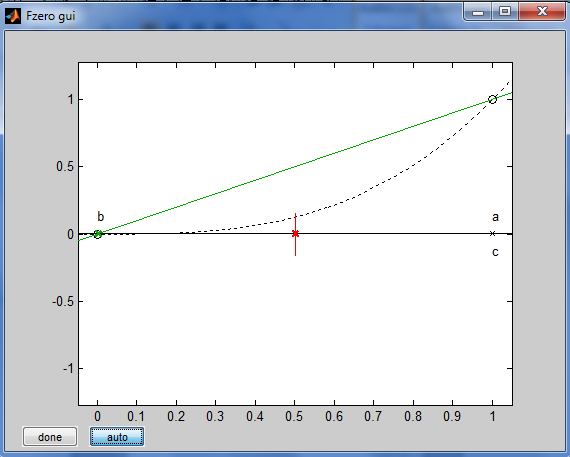
Final step



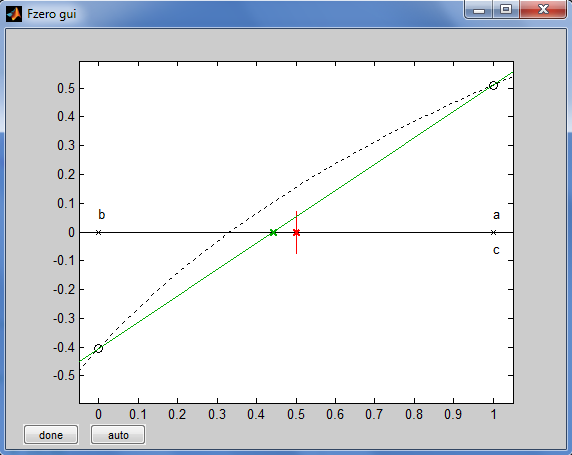
x^3-.001 [-1,1]



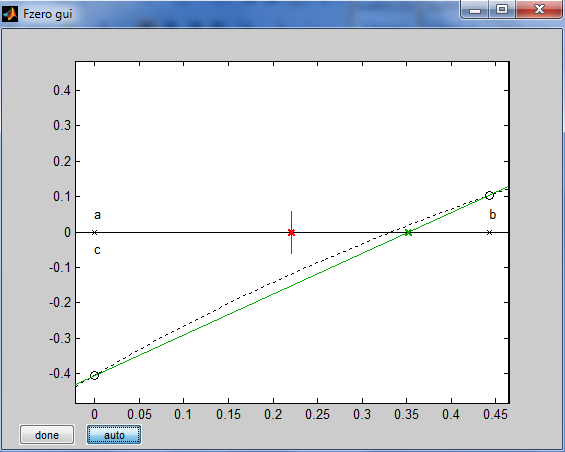
Final step



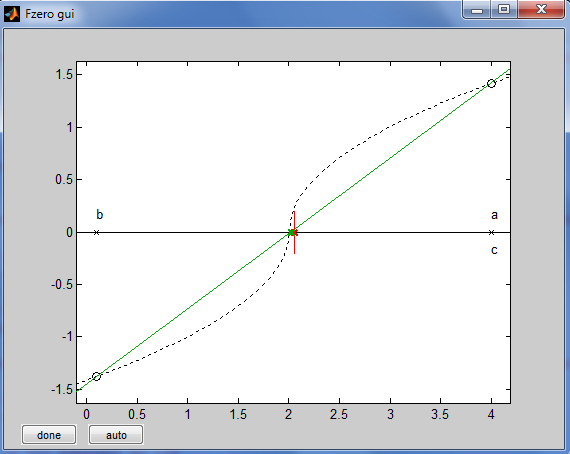
log(x+2/3); [0,1]



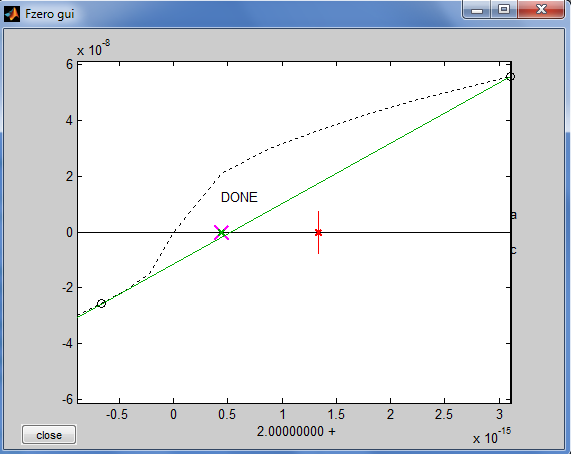
Final step



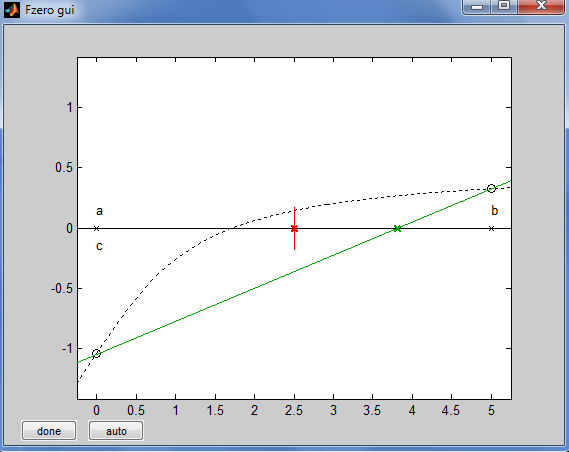
sign(x-2)\*sqrt(abs(x-2)) [0.1,4]



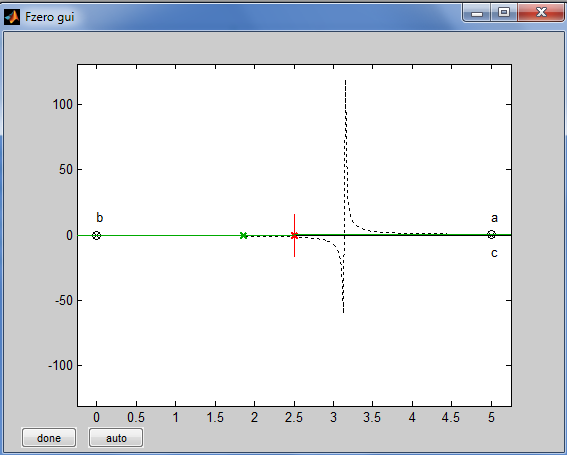
Final step



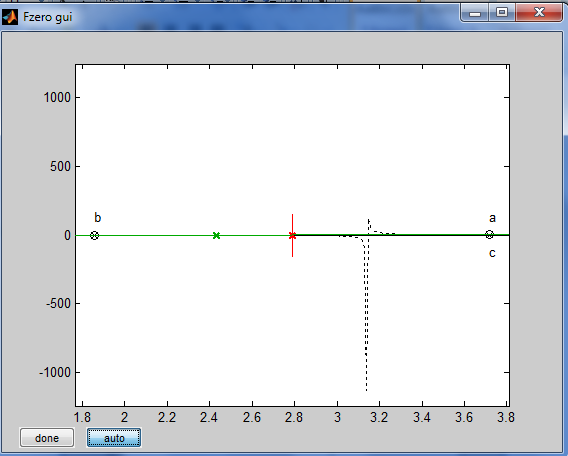
y = atan(x)-pi/3; [0,5]



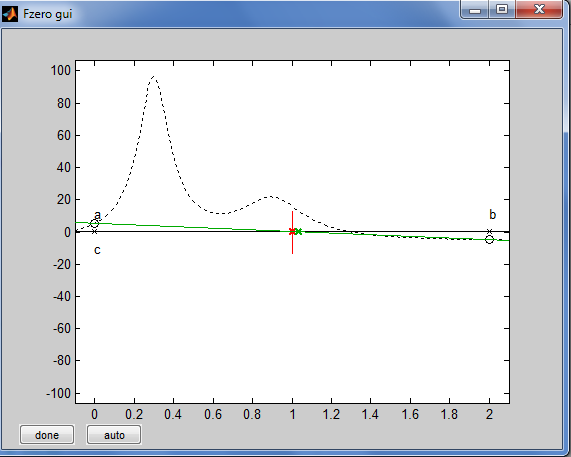
1/(x-pi) [0,5]



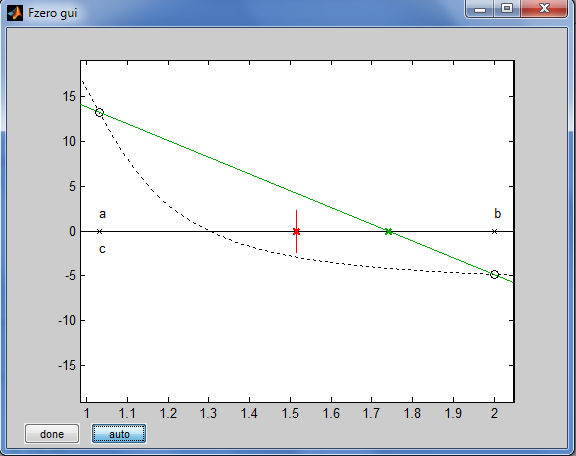
Final step



y = humps(x); %[0,2]

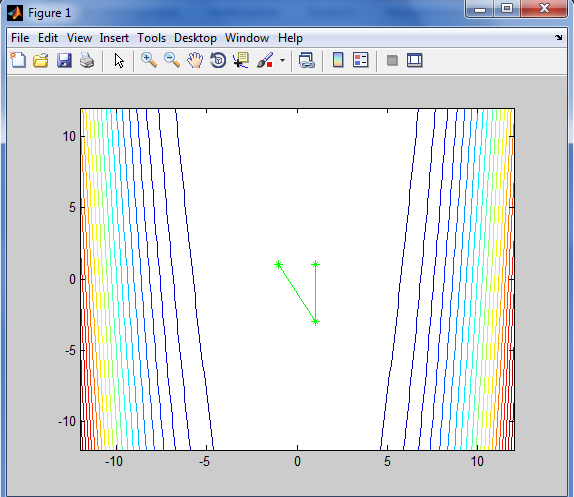


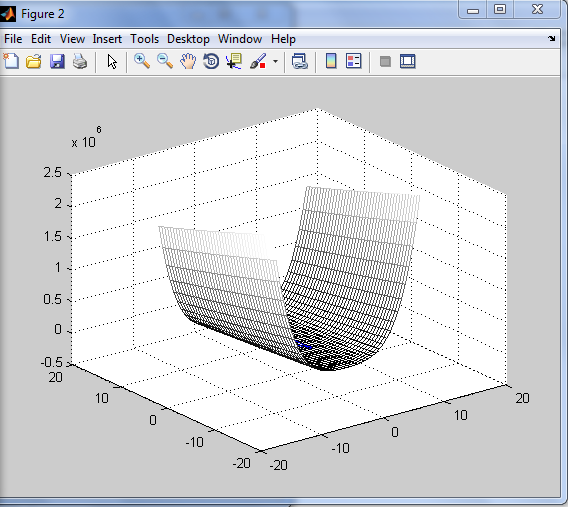
Final step

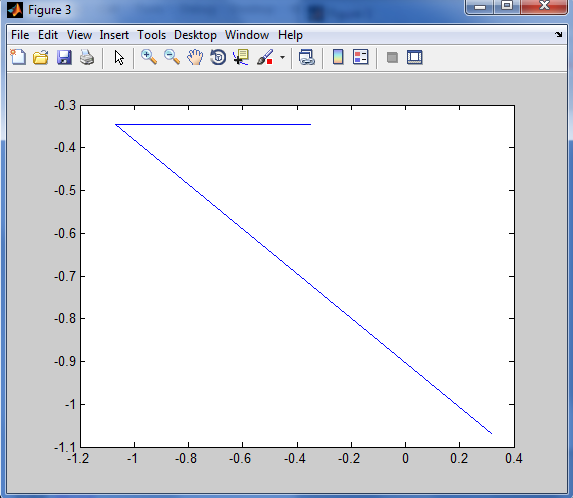


ΑΣΚΗΣΗ 4

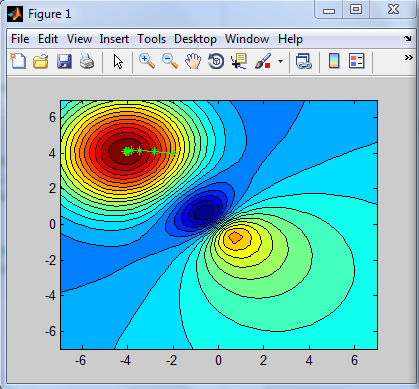
Newton\_method.m

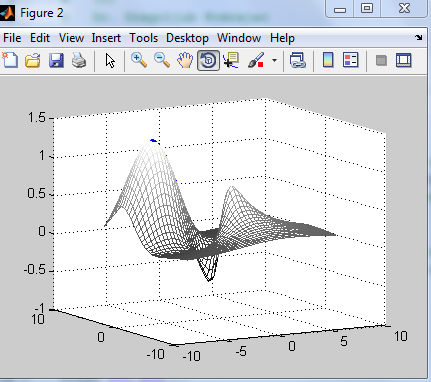


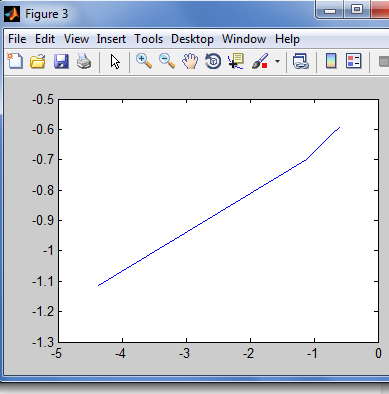




Gradient\_method\_2.m







Gradient\_method\_search.m

Gradient\_search.m

Linear\_search\_demo.m

