
```
function [root,ea, iter] = Nicholas_Paul_Newtraph(func, dfunc, xrold,
    es, maxit)
%Nicholas_Paul_Newtraph computes the root of a function using the
%Newton-Raphson method
%

iter = 0;
while(1)
    xrn = xrold - (func(xrold)/dfunc(xrold));
    iter = iter+ 1;

    if xrn ~=0
        ea = abs((xrn-xrold)/xrn)*100;
    end

    if ea<=es || iter >=maxit
        break
    end

    xrold = xrn;

end

root = xrn;

disp(root);

end

Not enough input arguments.

Error in Nicholas_Paul_Newtraph (line 8)
    xrn = xrold - (func(xrold)/dfunc(xrold));
```

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