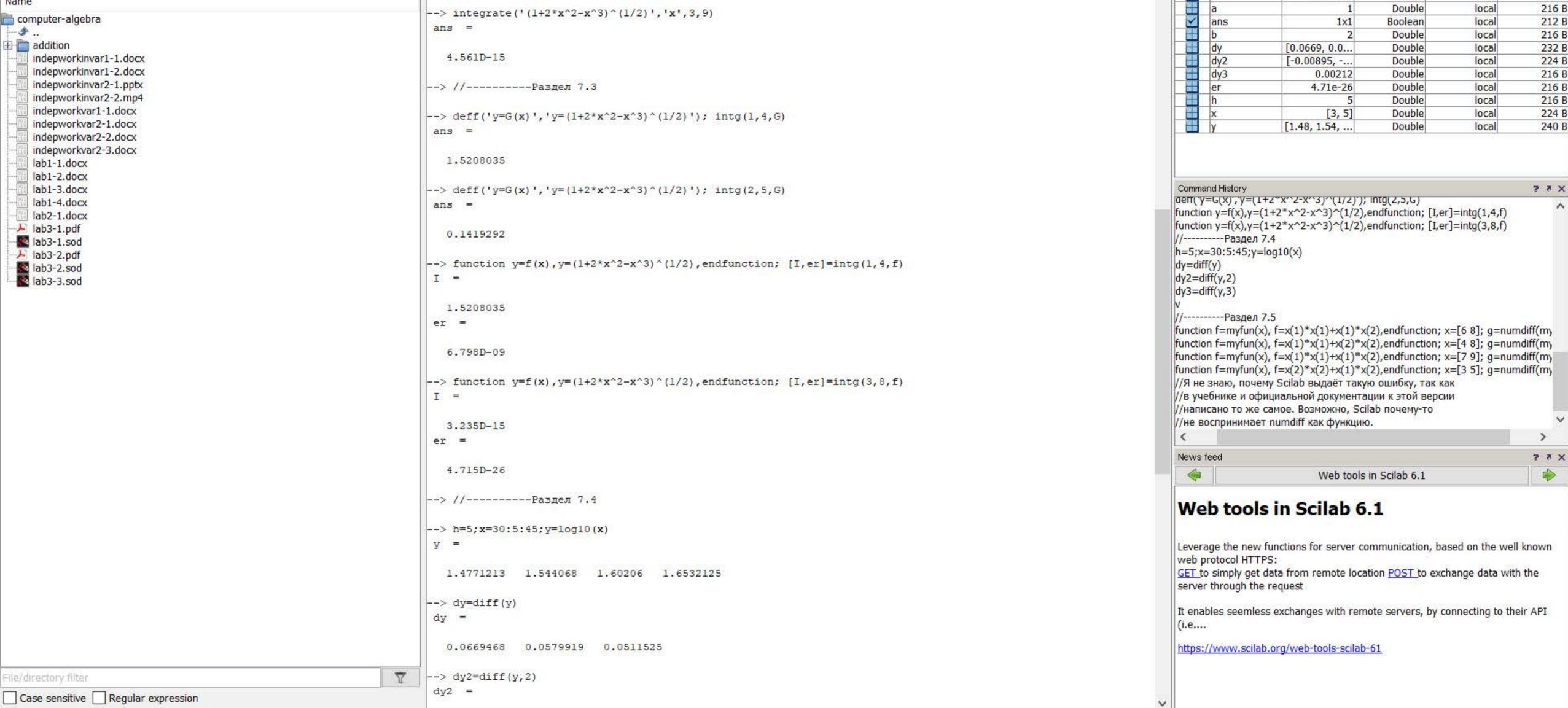
Scilab 6.1.0 Console File Edit Control Applications ? cilab 6.1.0 Console Variable Browser File Browser ? 7 X V 3 C:\rgpu\computer-algebra\ Visibility Value Name Type Memory 3.23e-15 Double local 216 B Name Startup execution: Double local 216 B computer-algebra loading initial environment 1x1 Boolean local 212 B ans \$.. Double local 216 B addition --> //-----Численное интегрирование и дифференцирование T0.0669, 0.0... Double local 232 B indepworkinvar1-1.docx dy2 -0.00895, -... Double 224 B local indepworkinvar1-2.docx 216 B dy3 0.00212 Double local --> //-----Pазлел 7.1 indepworkinvar2-1.pptx 4.71e-26 Double local 216 B indepworkinvar2-2.mp4 Double 216 B --> $a=1;b=2;x=a:b;y=(1+2*x^2-x^3)^(1/2);inttrap(x,y)$ indepworkvar1-1.docx [3, 5] Double local 224 B indepworkvar2-1.docx [1.48, 1.54, .. Double local 240 B indepworkvar2-2.docx indepworkvar2-3.docx 1.2071068 lab1-1.docx lab1-2.docx --> $h=0.5; a=1; b=2; x=a:h:b; y=(1+2*x^2-x^3)^(1/2); inttrap(x,y)$ lab1-3.docx Command History 2 8 X derr('y=G(X)','y=(1+2"X''2-X''3)''(1/2)'); intg(2,5,G) lab1-4.docx function y=f(x), $y=(1+2*x^2-x^3)^(1/2)$, endfunction; [I,er]=intg(1,4,f) lab2-1.docx 1.3324224 function $y=f(x), y=(1+2*x^2-x^3)^(1/2), endfunction; [I,er]=intg(3,8,f)$ lab3-1.pdf //-----Раздел 7.4 lab3-1.sod h=5;x=30:5:45;y=log10(x) ▶ lab3-2.pdf --> $h=0.1; a=1; b=2; x=a:h:b; y=(1+2*x^2-x^3)^(1/2); inttrap(x,y)$ dy=diff(y) lab3-2.sod ans = dy2=diff(y,2)lab3-3.sod dy3=diff(y,3)1.3769196 //-----Раздел 7.5 $--> a=1;b=2;x=a:b;y=(1+2*x^2-x^3)^(1/2);inttrap(y)$ function f=myfun(x), f=x(1)*x(1)+x(1)*x(2), endfunction; $x=[6\ 8]$; g=numdiff(my)function f=myfun(x), f=x(1)*x(1)+x(2)*x(2), endfunction; $x=[4\ 8]$; g=numdiff(my)ans = function f=myfun(x), f=x(1)*x(1)+x(1)*x(2), endfunction; x=[7 9]; g=numdiff(m)function f=myfun(x), f=x(2)*x(2)+x(1)*x(2), endfunction; x=[3 5]; g=numdiff(m)1.2071068 //Я не знаю, почему Scilab выдаёт такую ошибку, так как //в учебнике и официальной документации к этой версии --> //-----Раздел 7.2 //написано то же самое. Возможно, Scilab почему-то //не воспринимает numdiff как функцию. --> integrate('(1+2*x^2-x^3)^(1/2)','x',1,2) ans = News feed 2 8 X 1.3788743 Web tools in Scilab 6.1 Web tools in Scilab 6.1 --> integrate('(1+2*x^2-x^3)^(1/2)','x',1,3) ans = Leverage the new functions for server communication, based on the well known 1.5208035 web protocol HTTPS: GET to simply get data from remote location POST to exchange data with the --> integrate('(1+2*x^2-x^3)^(1/2)','x',2,5) server through the request ans = It enables seemless exchanges with remote servers, by connecting to their API 0.1419292 https://www.scilab.org/web-tools-scilab-61 --> integrate('(1+2*x^2-x^3)^(1/2)','x',3,9) ans = T File/directory filter 4.561D-15 Case sensitive Regular expression

Scilab 6.1.0 Console File Edit Control Applications ? cilab 6.1.0 Console Variable Browser File Browser ? 7 X V 3 C:\rgpu\computer-algebra\ Visibility Value Name Type Memory 0.1419292 3.23e-15 Double local 216 B Name Double local --> integrate('(1+2*x^2-x^3)^(1/2)','x',3,9) computer-algebra 1x1 Boolean ans local \$.. Double local addition T0.0669, 0.0... Double local 4.561D-15 indepworkinvar1-1.docx dy2 -0.00895, -... Double local indepworkinvar1-2.docx dy3 0.00212 Double local indepworkinvar2-1.pptx --> //-----Раздел 7.3 4.71e-26 Double local indepworkinvar2-2.mp4 Double indepworkvar1-1.docx [3, 5] Double local --> deff('y=G(x)','y=(1+2*x^2-x^3)^(1/2)'); intg(1,4,G) indepworkvar2-1.docx [1.48, 1.54, ... Double local ans = indepworkvar2-2.docx indepworkvar2-3.docx 1.5208035 lab1-1.docx lab1-2.docx Command History lab1-3.docx --> $deff('y=G(x)', 'y=(1+2*x^2-x^3)^(1/2)'); intg(2,5,G)$ deπ('y=G(X)', 'y=(1+2"X"2-X"3)"(1/2)"); Intg(2,5,G) lab1-4.docx ans = function y=f(x), $y=(1+2*x^2-x^3)^(1/2)$, endfunction; [I,er]=intg(1,4,f) lab2-1.docx function $y=f(x), y=(1+2*x^2-x^3)^(1/2), endfunction; [I,er]=intg(3,8,f)$ lab3-1.pdf 0.1419292 //-----Раздел 7.4 lab3-1.sod h=5;x=30:5:45;y=log10(x) ▶ lab3-2.pdf --> function y=f(x),y=(1+2*x^2-x^3)^(1/2),endfunction; [I,er]=intg(1,4,f) dy=diff(y) lab3-2.sod I = dy2=diff(y,2)lab3-3.sod dy3=diff(y,3)1.5208035 //-----Раздел 7.5 er = function f=myfun(x), f=x(1)*x(1)+x(1)*x(2), endfunction; $x=[6\ 8]$; g=numdiff(my)function f=myfun(x), f=x(1)*x(1)+x(2)*x(2), endfunction; $x=[4\ 8]$; g=numdiff(my)



Scilab 6.1.0 Console File Edit Control Applications ? cilab 6.1.0 Console Variable Browser File Browser 2 8 X V C:\rgpu\computer-algebra\ Visibility Value Name Type Memory -> dy=diff(y) 3.23e-15 Double local 216 B dy = Name Double local 216 B computer-algebra 1x1 Boolean local 212 B ans 0.0669468 0.0579919 0.0511525 J ... Double local 216 B addition T0.0669, 0.0... Double local 232 B --> dy2=diff(y,2) indepworkinvar1-1.docx dy2 -0.00895, -... Double local 224 B dy2 =indepworkinvar1-2.docx dy3 0.00212 Double 216 B local indepworkinvar2-1.pptx 4.71e-26 Double local 216 B indepworkinvar2-2.mp4 -0.0089548 -0.0068394 Double 216 B indepworkvar1-1.docx [3, 5] Double local 224 B indepworkvar2-1.docx [1.48, 1.54, ... Double local 240 B --> dy3=diff(y,3) indepworkvar2-2.docx dy3 =indepworkvar2-3.docx lab1-1.docx 0.0021154 lab1-2.docx lab1-3.docx Command History 2 8 X |deπ("y=G(X)", y=(1+2"X"2-X"3)"(1/2)"); Intg(2,5,G) lab1-4.docx --> v function y=f(x), $y=(1+2*x^2-x^3)^(1/2)$, endfunction; [I,er]=intg(1,4,f) lab2-1.docx function $y=f(x), y=(1+2*x^2-x^3)^(1/2), endfunction; [I,er]=intg(3,8,f)$ lab3-1.pdf Undefined variable: v //-----Раздел 7.4 lab3-1.sod h=5;x=30:5:45;y=log10(x) lab3-2.pdf --> //-----Раздел 7.5 dy=diff(y) lab3-2.sod dy2=diff(y,2)lab3-3.sod --> function f=myfun(x), f=x(1)*x(1)+x(1)*x(2), endfunction; $x=[6\ 8]$; g=numdiff(myfun,x)dy3=diff(y,3)//-----Раздел 7.5 Undefined variable: numdiff function f=myfun(x), f=x(1)*x(1)+x(1)*x(2), endfunction; $x=[6\ 8]$; g=numdiff(my)function f=myfun(x), f=x(1)*x(1)+x(2)*x(2), endfunction; $x=[4\ 8]$; g=numdiff(my)--> function f=myfun(x), f=x(1)*x(1)+x(2)*x(2), endfunction; $x=[4\ 8]$; g=numdiff(myfun,x)function f=myfun(x), f=x(1)*x(1)+x(1)*x(2), endfunction; x=[7 9]; g=numdiff(m)Warning: redefining function: myfun . Use funcprot(0) to avoid this message function f=myfun(x), f=x(2)*x(2)+x(1)*x(2), endfunction; x=[3 5]; g=numdiff(m)//Я не знаю, почему Scilab выдаёт такую ошибку, так как Undefined variable: numdiff //в учебнике и официальной документации к этой версии //написано то же самое. Возможно, Scilab почему-то //не воспринимает numdiff как функцию. --> function f=myfun(x), f=x(1)*x(1)+x(1)*x(2), endfunction; $x=[7 \ 9]$; g=numdiff(myfun,x)Warning : redefining function: myfun . Use funcprot(0) to avoid this message News feed 2 8 X Undefined variable: numdiff Web tools in Scilab 6.1 --> function f=myfun(x), f=x(2)*x(2)+x(1)*x(2), endfunction; x=[3 5]; g=numdiff(myfun,x)Web tools in Scilab 6.1 Warning : redefining function: myfun . Use funcprot(0) to avoid this message Undefined variable: numdiff Leverage the new functions for server communication, based on the well known web protocol HTTPS: --> //Я не знаю, почему Scilab выдаёт такую ошибку, так как GET to simply get data from remote location POST to exchange data with the server through the request --> //в учебнике и официальной документации к этой версии It enables seemless exchanges with remote servers, by connecting to their API (i.e.... --> //написано то же самое. Возможно, Scilab почему-то https://www.scilab.org/web-tools-scilab-61 --> //не воспринимает numdiff как функцию. T File/directory filter "Environment saved." Case sensitive Regular expression