wxMaxima, vežba, razvoj u red, slajd 33

(%i1) f0: sin(x);
(%o1) $\sin(x)$

(%i2) f1: taylor(f0,x,0,1);
(%o2)/T/ $x + \ldots$

(%i3) f2: taylor(f0,x,0,3);
(%o3)/T/ $x - \dfrac{x^3}{6} + \ldots$

(%i4) f3: taylor(f0,x,0,5);
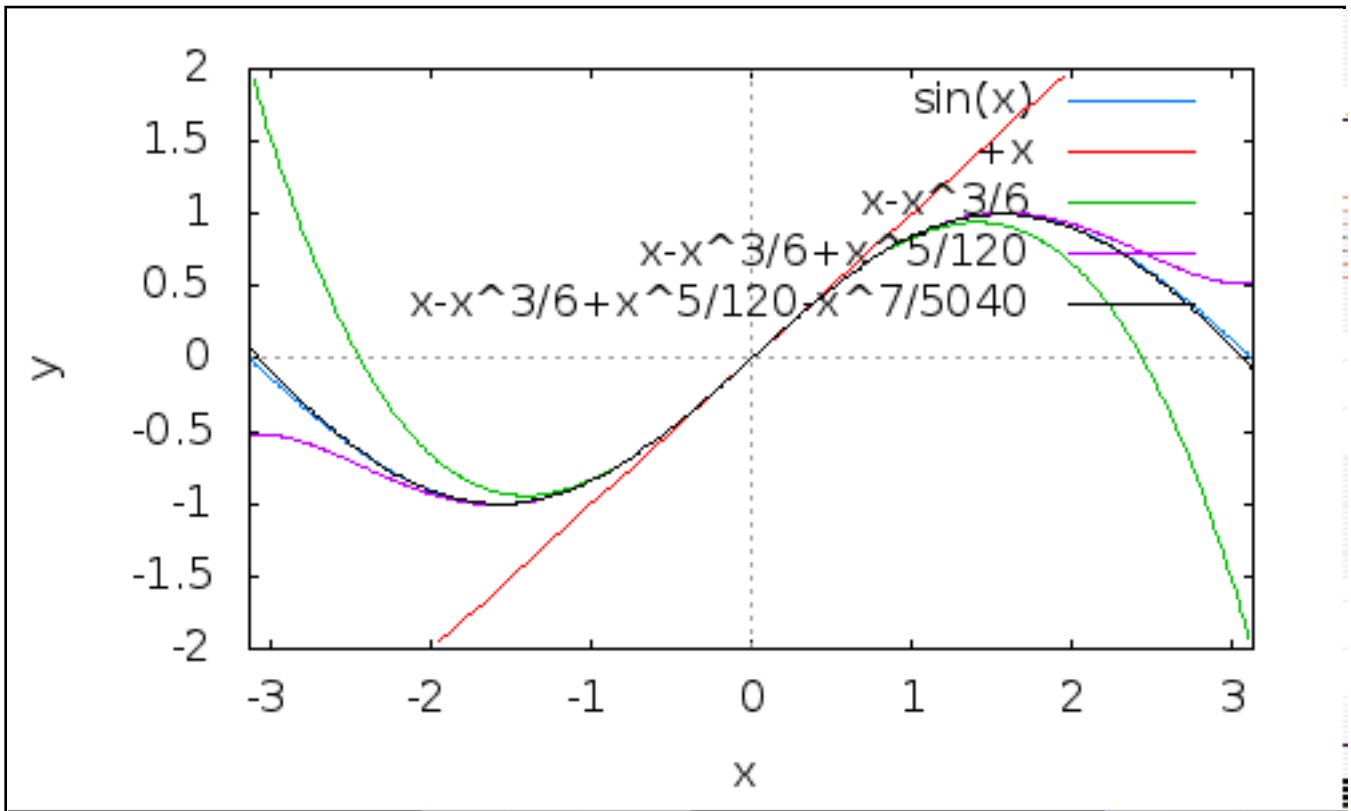(%o4)/T/ $x - \dfrac{x^3}{6} + \dfrac{x^5}{120} + \ldots$

(%i5) f4: taylor(f0,x,0,7);
(%o5)/T/ $x - \dfrac{x^3}{6} + \dfrac{x^5}{120} - \dfrac{x^7}{5040} + \ldots$

(%i6) wxplot2d([f0,f1,f2,f3,f4],[x,-%pi,%pi],[y,-2,2]);
plot2d: some values were clipped.
plot2d: some values were clipped.
(%t6)

(%o6)