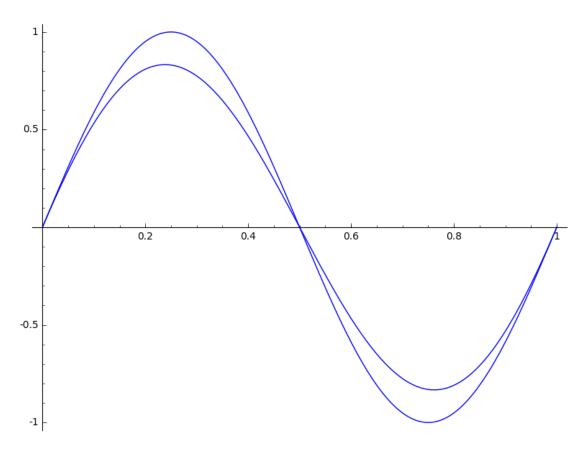
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In [4]: g(x)=sin(x*2*pi)

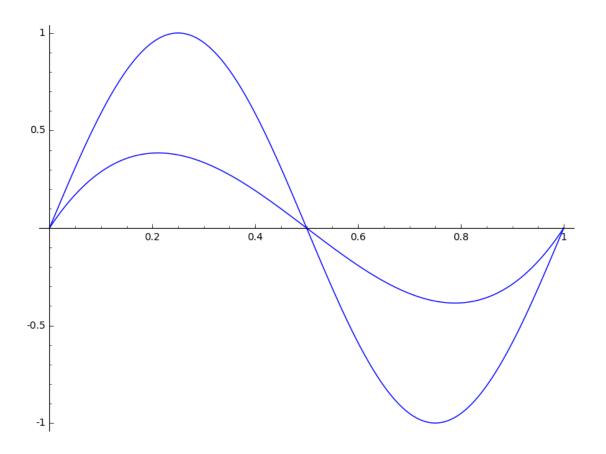
In [5]: plot(g,0,1)+plot(B(20,g),0,1)

Out[5]:



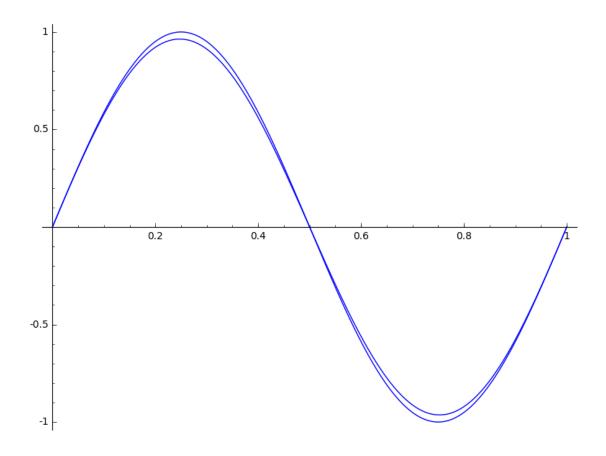
In [6]: plot(g,0,1)+plot(B(4,g),0,1)

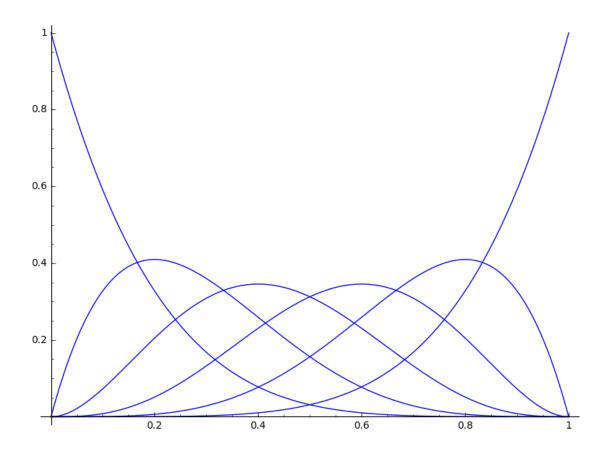
Out[6]:



In [7]: plot(g,0,1)+plot(B(100,g),0,1)

Out[7]:





In [10]: