Universidad Don Bosco



CICLO 01 – 2021 Aplicación de metodos numericos Examen teorico 2

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CH161904

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Ejercicio 4.

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sle1 = 0.330234355 001257
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0.312347077040008

>> c2=double(int(((y-m(1))*(y-m(3))*(y-m(4))*(y-m(5))*(y-m(6))*(y-m(7))*(y-m(8))*(ym(9))/((m(2)-m(1))*(m(2)-m(3))*(m(2)-m(4))*(m(2)-m(5))*(m(2)-m(6))*(m(2)-m(7m(8))*(m(2)-m(9))),y,-1,1))c2 =0.081274388361573 >> c3=double(int(((y-m(1))*(y-m(2))*(y-m(4))*(y-m(5))*(y-m(6))*(y-m(7))*(y-m(8))*(ym(9))/((m(3)-m(1))*(m(3)-m(2))*(m(3)-m(4))*(m(3)-m(5))*(m(3)-m(6))*(m(3)-m(7m(8))*(m(3)-m(9))),y,-1,1)) c3 =0.180648160694863 >> c4=double(int(((y-m(1))*(y-m(2))*(y-m(3))*(y-m(5))*(y-m(6))*(y-m(7))*(y-m(8))*(ym(9))/((m(4)-m(1))*(m(4)-m(2))*(m(4)-m(3))*(m(4)-m(5))*(m(4)-m(6))*(m(4)-m(7))*(m(7))*(m(7)-m(7))*(m(7)-m(7))*(mm(8))*(m(4)-m(9)),y,-1,1)) c4 =0.260610696402929 >> c5=double(int(((y-m(1))*(y-m(2))*(y-m(3))*(y-m(4))*(y-m(6))*(y-m(7))*(y-m(8))*(ym(9)))/((m(5)-m(1))*(m(5)-m(2))*(m(5)-m(3))*(m(5)-m(4))*(m(5)-m(6))*(m(5)-m(7))*(m(5)-m(m(8))*(m(5)-m(9))),y,-1,1))c5 =

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>> c6=double(int(((y-m(1))*(y-m(2))*(y-m(3))*(y-m(4))*(y-m(5))*(y-m(7))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-
m(8))*(m(6)-m(9))),y,-1,1))
c6 =
                               0.081274388361575
>> c7=double(int(((y-m(1))*(y-m(2))*(y-m(3))*(y-m(4))*(y-m(5))*(y-m(6))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-m(8))*(y-
m(9))/((m(7)-m(1))*(m(7)-m(2))*(m(7)-m(3))*(m(7)-m(4))*(m(7)-m(5))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6))*(m(7)-m(6
  m(8))*(m(7)-m(9))),y,-1,1))
c7 =
                               0.180648160694857
>> c8=double(int(((y-m(1))*(y-m(2))*(y-m(3))*(y-m(4))*(y-m(5))*(y-m(6))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-
  m(9)))/((m(8)-m(1))*(m(8)-m(2))*(m(8)-m(3))*(m(8)-m(4))*(m(8)-m(5))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(6))*(m(8)-m(
  m(7))*(m(8)-m(9))),y,-1,1))
  c8 =
                               0.260610696402933
>> c9=double(int(((y-m(1))*(y-m(2))*(y-m(3))*(y-m(4))*(y-m(5))*(y-m(6))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-m(7))*(y-
  m(8)))/((m(9)-m(1))*(m(9)-m(2))*(m(9)-m(3))*(m(9)-m(4))*(m(9)-m(5))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(6))*(m(9)-m(
  m(7))*(m(9)-m(8))),y,-1,1))
  c9 =
                               0.312347077040006
```

```
>> int-exacta = double (int (15680*((2.25-y^2)^(^1/2)*(5.5-y), y, -1.5,1.5))

H|>> int-exacta = 3.044973192512817e +05

>> error = abs (int-exacta - Aproximado)

H|>> error = 1.883733032937162 e +02
```