Aluno: ANA CAROLINA VEDOY ALVES

Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2)\cdots(x - x_{14}) + a_1(x - x_0)(x - x_2)\cdots(x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1)\cdots(x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, -4.09), \ (-4.5, 1.89), \ (-4.0, -1.51), \ (-3.5, 0.42), \ (-3.0, 2.83), \ (-2.5, -4.49), \ (-2.0, 4.8), \ (-1.5, 2.06),$
$(-1.0, 0.84), \ (-0.5, 2.2), \ (0.0, -2.75), \ (0.5, 2.1), \ (1.0, 2.82), \ (1.5, -4.11), \ (2.0, 1.85)$

_____ 0.000474074074074

_____ 0.001689359200470

_____ 0.000000347682887

_____ −0.000004972804973

_____ 0.000532392710170

_____ −0.000827748383304

_____ −0.000517342739565

_____ 0.000048228314895

_____ −0.000025824381380

_____ 0.002708994708995

_____ −0.000000768661086

_____ −0.000028731762065

_____ 0.000010813877481

_____ −0.001328697404888

_____ −0.000143658810325

Aluno: ANDERSON VAILATI RITZMANN   Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2)\cdots(x - x_{14}) + a_1(x - x_0)(x - x_2)\cdots(x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1)\cdots(x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, -1.15), (-4.5, -2.05), (-4.0, 2.91), (-3.5, -0.45), (-3.0, 4.74), (-2.5, -2.86), (-2.0, -4.71), (-1.5, -1.47),$
$(-1.0, 4.55), (-0.5, 1.48), (0.0, 0.72), (0.5, 2.12), (1.0, -3.97), (1.5, 3.11), (2.0, 3.25)$

_____ -0.000067895890118

_____ -0.000000216127200

_____ 0.000049767516434

_____ 0.000005393783172

_____ 0.000948148148148

_____ -0.000145026989471

_____ 0.001076072898295

_____ 0.000000610794262

_____ -0.002658201058201

_____ -0.000008182763738

_____ 0.002567901234568

_____ 0.000135449735450

_____ 0.000891710758377

_____ -0.000556848912404

_____ 0.000030784030784

Aluno: ANDRÉ LUÍS PERIPOLLI   Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2)\cdots(x - x_{14}) + a_1(x - x_0)(x - x_2)\cdots(x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1)\cdots(x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, -2.39)$, $(-4.5, 1.69)$, $(-4.0, 1.53)$, $(-3.5, 2.32)$, $(-3.0, -1.88)$, $(-2.5, 1.49)$, $(-2.0, -1.15)$, $(-1.5, -0.07)$, $(-1.0, -1.76)$, $(-0.5, 3.86)$, $(0.0, 1.2)$, $(0.5, 0.16)$, $(1.0, -4.01)$, $(1.5, 0.65)$, $(2.0, 0.01)$

_____ -0.000000449168703

_____ -0.000001710223932

_____ -0.000560611405056

_____ -0.000158708780931

_____ -0.001452322163433

_____ -0.000993298059965

_____ -0.000353674309230

_____ -0.000649029982363

_____ 0.000225749559083

_____ 0.000026166426166

_____ 0.000000001879367

_____ -0.000004446582224

_____ 0.000045149911817

_____ -0.000010945433168

_____ -0.000068579979691

Aluno: BRUNO HENRIQUE COSTA SEIXAS   Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2) \cdots (x - x_{14}) + a_1(x - x_0)(x - x_2) \cdots (x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1) \cdots (x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, -0.99)$, $(-4.5, 2.32)$, $(-4.0, -1.42)$, $(-3.5, -3.85)$, $(-3.0, 2.53)$, $(-2.5, 0.6)$, $(-2.0, 1.8)$, $(-1.5, -1.71)$, $(-1.0, 1.84)$, $(-0.5, 1.66)$, $(0.0, -2.93)$, $(0.5, -2.08)$, $(1.0, -1.27)$, $(1.5, 2.47)$, $(2.0, 3.58)$

_____ 0.000263374485597

_____ −0.000000186057329

_____ −0.000006498850943

_____ 0.000142290631180

_____ 0.000475955320400

_____ 0.001015873015873

_____ −0.000624573780129

_____ 0.001038447971781

_____ −0.000021719843942

_____ −0.000006104183882

_____ 0.000000672813371

_____ 0.001102947845805

_____ −0.000551205173427

_____ −0.000225749559083

_____ −0.000024285179841

Aluno: DEVAIR DENER DAROLT   Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2)\cdots(x - x_{14}) + a_1(x - x_0)(x - x_2)\cdots(x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1)\cdots(x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, 2.81)$, $(-4.5, 1.44)$, $(-4.0, -0.67)$, $(-3.5, 1.3)$, $(-3.0, 4.84)$, $(-2.5, -2.89)$, $(-2.0, -0.62)$, $(-1.5, -0.19)$, $(-1.0, -1.97)$, $(-0.5, -0.63)$, $(0.0, -0.14)$, $(0.5, -1.4)$, $(1.0, 2.97)$, $(1.5, -0.52)$, $(2.0, 1.3)$

_____ -0.000349911816578

_____ -0.000011458500347

_____ 0.000001368179146

_____ 0.000000528102115

_____ 0.000095772540217

_____ 0.000910523221634

_____ -0.000003788803789

_____ 0.001087360376249

_____ -0.001111816578483

_____ 0.000122549760645

_____ 0.000237037037037

_____ 0.000050793650794

_____ -0.000088931644487

_____ 0.000000244317705

_____ -0.000026337448560

Aluno: ENDREW RAFAEL TREPTOW HANG   Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2) \cdots (x - x_{14}) + a_1(x - x_0)(x - x_2) \cdots (x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1) \cdots (x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, 1.11), (-4.5, -0.39), (-4.0, -0.87), (-3.5, 2.42), (-3.0, 2.46), (-2.5, -2.18), (-2.0, -0.58), (-1.5, -3.44),$
$(-1.0, -4.43), (-0.5, -1.27), (0.0, 0.72), (0.5, 4.59), (1.0, 4.43), (1.5, -3.04), (2.0, 3.04)$

_____ 0.000000208609732

_____ −0.000313997113997

_____ 0.000007998585776

_____ 0.000820223398001

_____ 0.000001026134359

_____ −0.000327336860670

_____ −0.002500176366843

_____ 0.002218795666415

_____ 0.000000571327555

_____ 0.000477836566725

_____ −0.000165549676661

_____ 0.000075762920207

_____ −0.000014878948212

_____ 0.000462786596120

_____ 0.000135449735450

Aluno: FILIPE DA SILVA DE OLIVEIRA   Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2)\cdots(x - x_{14}) + a_1(x - x_0)(x - x_2)\cdots(x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1)\cdots(x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, -4.27), (-4.5, -0.72), (-4.0, -2.14), (-3.5, 2.98), (-3.0, -0.42), (-2.5, -3.07), (-2.0, -2.16), (-1.5, -1.72),$
$(-1.0, -0.33), (-0.5, -2.36), (0.0, -2.19), (0.5, 3.42), (1.0, 1.26), (1.5, -2.75), (2.0, 0.81)$

_____ -0.000079012345679

_____ 0.000000152228724

_____ 0.000887948265726

_____ 0.000021548821549

_____ -0.000203858692748

_____ 0.001109397833207

_____ -0.000233958633959

_____ -0.001219047619048

_____ 0.000001894401894

_____ -0.000000802489691

_____ -0.000036598792154

_____ 0.000007235562791

_____ -0.000411992945326

_____ 0.001155085243974

_____ -0.000186243386243

Aluno: FREDERICO MINUZZI Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2)\cdots(x - x_{14}) + a_1(x - x_0)(x - x_2)\cdots(x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1)\cdots(x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, 3.15), (-4.5, -3.26), (-4.0, -3.95), (-3.5, 3.69), (-3.0, -0.64), (-2.5, -0.64), (-2.0, -1.73), (-1.5, 4.19),$
$(-1.0, 0.17), (-0.5, 0.45), (0.0, 4.97), (0.5, 2.67), (1.0, -3.44), (1.5, -3.6), (2.0, -2.48)$

_____ 0.000008577430800

_____ −0.000058831703276

_____ 0.000095943562610

_____ −0.002702544721592

_____ 0.000240799529688

_____ −0.000976366843034

_____ −0.000169312169312

_____ −0.000067553845332

_____ −0.000120399764844

_____ −0.000000466083006

_____ 0.000934979423868

_____ 0.000000592000592

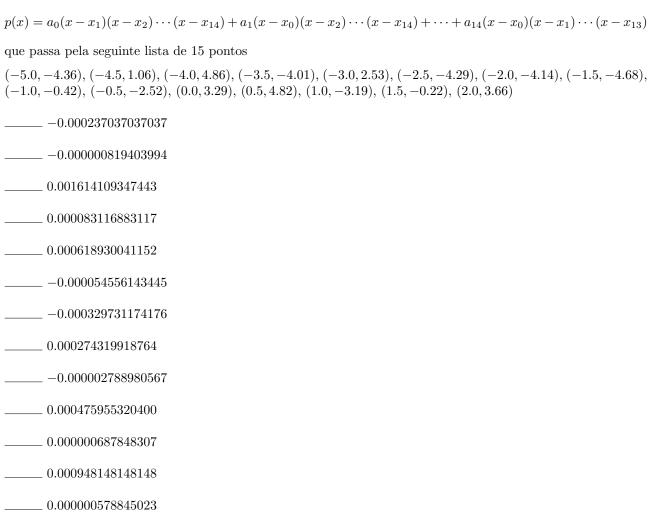_____ 0.000009472009472

_____ −0.000252429052429

_____ −0.000182651915985

Aluno: GUILHERME ARAÚJO LIRA DE MENEZES   Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2)\cdots(x - x_{14}) + a_1(x - x_0)(x - x_2)\cdots(x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1)\cdots(x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, -4.36), (-4.5, 1.06), (-4.0, 4.86), (-3.5, -4.01), (-3.0, 2.53), (-2.5, -4.29), (-2.0, -4.14), (-1.5, -4.68), (-1.0, -0.42), (-0.5, -2.52), (0.0, 3.29), (0.5, 4.82), (1.0, -3.19), (1.5, -0.22), (2.0, 3.66)$

_____ -0.000237037037037

_____ -0.000000819403994

_____ 0.001614109347443

_____ 0.000083116883117

_____ 0.000618930041152

_____ -0.000054556143445

_____ -0.000329731174176

_____ 0.000274319918764

_____ -0.000002788980567

_____ 0.000475955320400

_____ 0.000000687848307

_____ 0.000948148148148

_____ 0.000000578845023

_____ -0.002336507936508

_____ 0.003018594104308

Aluno: GUILHERME LAFUENTE GONÇALVES   Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2) \cdots (x - x_{14}) + a_1(x - x_0)(x - x_2) \cdots (x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1) \cdots (x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, -2.05)$, $(-4.5, 1.08)$, $(-4.0, -0.59)$, $(-3.5, 1.11)$, $(-3.0, -2.75)$, $(-2.5, 0.35)$, $(-2.0, -4.19)$, $(-1.5, 3.18)$, $(-1.0, 3.43)$, $(-0.5, -3.18)$, $(0.0, -0.28)$, $(0.5, -0.33)$, $(1.0, 4.52)$, $(1.5, 4.01)$, $(2.0, -3.15)$

_____ -0.000010090321201

_____ -0.000000592000592

_____ -0.002051095993953

_____ -0.000075933942601

_____ 0.001935802469136

_____ -0.000000385270227

_____ -0.002364726631393

_____ -0.000131687242798

_____ -0.000002841602842

_____ -0.000010550766106

_____ 0.000022574955908

_____ 0.001196472663139

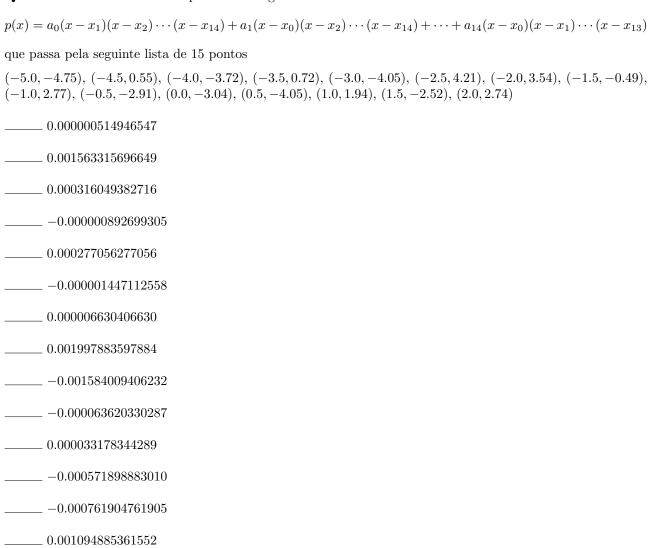_____ 0.000077302121747

_____ -0.000052674897119

_____ -0.000517342739565

Aluno: HENRIQUE WIPPEL PARUCKER DA SILVA   Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2)\cdots(x - x_{14}) + a_1(x - x_0)(x - x_2)\cdots(x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1)\cdots(x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, -4.75), (-4.5, 0.55), (-4.0, -3.72), (-3.5, 0.72), (-3.0, -4.05), (-2.5, 4.21), (-2.0, 3.54), (-1.5, -0.49),$
$(-1.0, 2.77), (-0.5, -2.91), (0.0, -3.04), (0.5, -4.05), (1.0, 1.94), (1.5, -2.52), (2.0, 2.74)$

———— 0.000000514946547

———— 0.001563315696649

———— 0.000316049382716

———— −0.000000892699305

———— 0.000277056277056

———— −0.000001447112558

———— 0.000006630406630

———— 0.001997883597884

———— −0.001584009406232

———— −0.000063620330287

———— 0.000033178344289

———— −0.000571898883010

———— −0.000761904761905

———— 0.001094885361552

———— −0.00049254449254

Aluno: JOÃO GUILHERME PELIZZA   Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2)\cdots(x - x_{14}) + a_1(x - x_0)(x - x_2)\cdots(x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1)\cdots(x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, -2.26), (-4.5, -3.97), (-4.0, -0.86), (-3.5, -4.36), (-3.0, 4.46), (-2.5, -3.23), (-2.0, -0.64), (-1.5, 1.05),$
$(-1.0, 0.23), (-0.5, 2.99), (0.0, 3.22), (0.5, 0.1), (1.0, 3.3), (1.5, -2.9), (2.0, -2.24)$

_____ 0.000605761316872

_____ 0.000010445521557

_____ 0.000007630229852

_____ −0.000014707925819

_____ −0.000000424736933

_____ −0.000000420978199

_____ 0.001215285126396

_____ −0.000677248677249

_____ 0.000056437389771

_____ 0.000298263053819

_____ −0.000006840895730

_____ −0.000361199294533

_____ 0.000129805996473

_____ −0.001124985302763

_____ 0.000839035861258

Aluno: JOSÉ EDUARDO BRANDÃO   Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2) \cdots (x - x_{14}) + a_1(x - x_0)(x - x_2) \cdots (x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1) \cdots (x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, -0.37), (-4.5, -3.66), (-4.0, 0.62), (-3.5, -3.53), (-3.0, 4.89), (-2.5, -0.36), (-2.0, -2.88), (-1.5, -3.15),$
$(-1.0, 0.95), (-0.5, -4.05), (0.0, -0.37), (0.5, 3.44), (1.0, -0.73), (1.5, 1.67), (2.0, 2.14)$

_____ -0.000069606114051

_____ 0.000000402184529

_____ 0.000241483619261

_____ 0.000135449735450

_____ -0.000012484634707

_____ 0.000919929453263

_____ 0.000009629876297

_____ 0.001523809523810

_____ 0.000010603388381

_____ -0.001625396825397

_____ -0.000000069536577

_____ 0.002031746031746

_____ 0.000536155202822

_____ -0.000004393959950

_____ -0.000235326813105

Aluno: LEONARDO DE CASTRO   Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2) \cdots (x - x_{14}) + a_1(x - x_0)(x - x_2) \cdots (x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1) \cdots (x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, -1.48), (-4.5, -3.27), (-4.0, 4.44), (-3.5, 4.33), (-3.0, -1.74), (-2.5, -4.68), (-2.0, -4.98), (-1.5, -1.06),$
$(-1.0, -4.29), (-0.5, -0.83), (0.0, 1.31), (0.5, -0.06), (1.0, -3.75), (1.5, 3.24), (2.0, 3.82)$

———— -0.002421164021164

———— 0.000312286890065

———— -0.002810582010582

———— -0.000064133397467

———— 0.000075933942601

———— 0.000000717918178

———— 0.001760846560847

———— -0.000327336860670

———— 0.000683698664651

———— 0.000008603741937

———— -0.000000278146310

———— -0.000296210785100

———— 0.000246443268665

———— -0.000008524808525

———— 0.000004104537438

Aluno: LEONARDO SILVA VASQUEZ RIBEIRO   Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

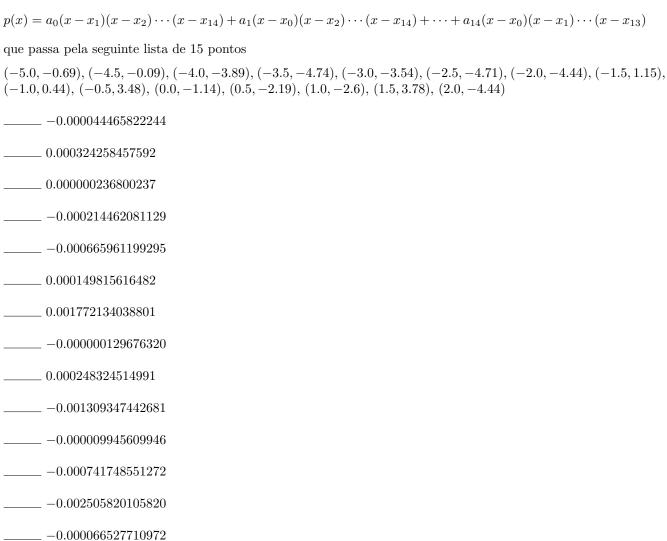$$p(x) = a_0(x - x_1)(x - x_2)\cdots(x - x_{14}) + a_1(x - x_0)(x - x_2)\cdots(x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1)\cdots(x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, 0.43)$, $(-4.5, 3.33)$, $(-4.0, 4.22)$, $(-3.5, 3.24)$, $(-3.0, 1.57)$, $(-2.5, -1.06)$, $(-2.0, -3.59)$, $(-1.5, -3.79)$, $(-1.0, 2.75)$, $(-0.5, 3.19)$, $(0.0, 4.18)$, $(0.5, 2.39)$, $(1.0, 2.48)$, $(1.5, -1.31)$, $(2.0, -3.5)$

_____ -0.000163497407942

_____ -0.002026102292769

_____ 0.000000080812779

_____ -0.000008761608762

_____ 0.000003446759002

_____ 0.000786360964139

_____ -0.001200235155791

_____ 0.000042413553525

_____ 0.002444545225498

_____ 0.000295355673133

_____ 0.000072171449949

_____ -0.000000657778436

_____ 0.001552028218695

_____ -0.000221645021645

_____ 0.000398824221046

Aluno: LUCAS MATHEUS CAMILO VEIGA   Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2) \cdots (x - x_{14}) + a_1(x - x_0)(x - x_2) \cdots (x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1) \cdots (x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, -0.69), (-4.5, -0.09), (-4.0, -3.89), (-3.5, -4.74), (-3.0, -3.54), (-2.5, -4.71), (-2.0, -4.44), (-1.5, 1.15), (-1.0, 0.44), (-0.5, 3.48), (0.0, -1.14), (0.5, -2.19), (1.0, -2.6), (1.5, 3.78), (2.0, -4.44)$

_____ -0.000044465822244

_____ 0.000324258457592

_____ 0.000000236800237

_____ -0.000214462081129

_____ -0.000665961199295

_____ 0.000149815616482

_____ 0.001772134038801

_____ -0.000000129676320

_____ 0.000248324514991

_____ -0.001309347442681

_____ -0.000009945609946

_____ -0.000741748551272

_____ -0.002505820105820

_____ -0.000066527710972

_____ -0.000000834438930

Aluno: LUCAS MENEGHELLI PEREIRA   Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2) \cdots (x - x_{14}) + a_1(x - x_0)(x - x_2) \cdots (x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1) \cdots (x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, 0.67), (-4.5, 2.33), (-4.0, -4.17), (-3.5, 0.47), (-3.0, -2.57), (-2.5, -1.92), (-2.0, 4.03), (-1.5, -0.14),$
$(-1.0, 1.97), (-0.5, -0.06), (0.0, -0.41), (0.5, -0.93), (1.0, 4.57), (1.5, 2.68), (2.0, 3.11)$

_____ 0.000000125917586

_____ −0.000032152209930

_____ 0.001111816578483

_____ 0.002274426807760

_____ −0.000007051384829

_____ −0.000483480305703

_____ 0.000022574955908

_____ 0.000000584483124

_____ 0.000063620330287

_____ 0.000090299823633

_____ 0.000078157233713

_____ −0.000077131099353

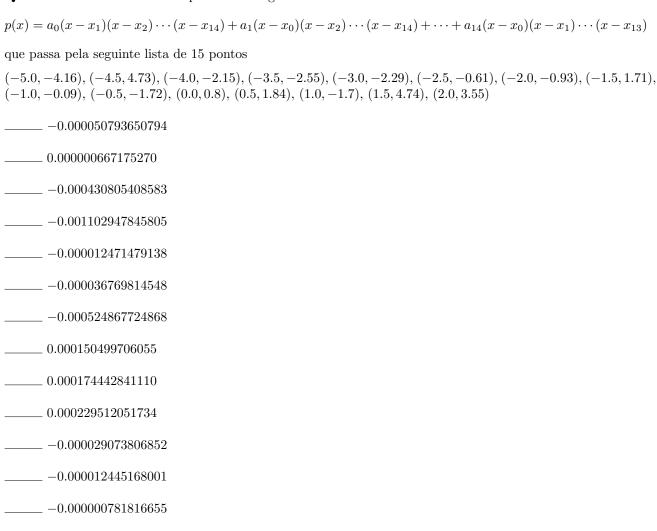_____ 0.000722398589065

_____ −0.000006130495019

_____ −0.000071316337983

Aluno: MARCOS VALDECIR CAVALHEIRO JUNIOR   Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2) \cdots (x - x_{14}) + a_1(x - x_0)(x - x_2) \cdots (x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1) \cdots (x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, -4.16), (-4.5, 4.73), (-4.0, -2.15), (-3.5, -2.55), (-3.0, -2.29), (-2.5, -0.61), (-2.0, -0.93), (-1.5, 1.71),$
$(-1.0, -0.09), (-0.5, -1.72), (0.0, 0.8), (0.5, 1.84), (1.0, -1.7), (1.5, 4.74), (2.0, 3.55)$

_____ -0.000050793650794

_____ 0.000000667175270

_____ -0.000430805408583

_____ -0.001102947845805

_____ -0.000012471479138

_____ -0.000036769814548

_____ -0.000524867724868

_____ 0.000150499706055

_____ 0.000174442841110

_____ 0.000229512051734

_____ -0.000029073806852

_____ -0.000012445168001

_____ -0.000000781816655

_____ 0.000647148736038

_____ -0.000125872481428

Aluno: MATHEUS RAMBO DA ROZA   Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2) \cdots (x - x_{14}) + a_1(x - x_0)(x - x_2) \cdots (x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1) \cdots (x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, 3.18), (-4.5, -4.77), (-4.0, 1.91), (-3.5, 2.26), (-3.0, 3.85), (-2.5, 0.02), (-2.0, 1.81), (-1.5, -0.1), (-1.0, -3.22),$
$(-0.5, -2.97), (0.0, -4.12), (0.5, 0.25), (1.0, 3.48), (1.5, -3.32), (2.0, 3.03)$

_____ 0.000064499874024

_____ −0.000007524985303

_____ −0.000017102239324

_____ 0.000012550412550

_____ 0.000059515792849

_____ 0.001021516754850

_____ 0.000008735297624

_____ −0.001817283950617

_____ −0.000154604243493

_____ 0.000000569448188

_____ 0.000724279835391

_____ 0.001117460317460

_____ −0.000775073486185

_____ 0.000000597638693

_____ 0.000032665277110

Aluno: NILTON JOSÉ MOCELIN JÚNIOR   Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x-x_1)(x-x_2)\cdots(x-x_{14}) + a_1(x-x_0)(x-x_2)\cdots(x-x_{14}) + \cdots + a_{14}(x-x_0)(x-x_1)\cdots(x-x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, 0.7)$, $(-4.5, -1.34)$, $(-4.0, 3.1)$, $(-3.5, 3.36)$, $(-3.0, 0.02)$, $(-2.5, -1.38)$, $(-2.0, 2.3)$, $(-1.5, -0.82)$, $(-1.0, 4.56)$, $(-0.5, 0.06)$, $(0.0, -1.84)$, $(0.5, -4.38)$, $(1.0, -4.97)$, $(1.5, 1.12)$, $(2.0, 0.35)$

_____ 0.000519223985891

_____ −0.000002946847391

_____ 0.000003762492651

_____ −0.000084998129443

_____ 0.000000131555687

_____ 0.001298059964727

_____ 0.000000065777844

_____ 0.000299631232965

_____ 0.000053016941906

_____ −0.000346149323927

_____ −0.000022574955908

_____ 0.002573544973545

_____ −0.000229854096521

_____ 0.000003525692415

_____ 0.000528898966994

Aluno: PAULO ROBERTO ALBUQUERQUE   Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2)\cdots(x - x_{14}) + a_1(x - x_0)(x - x_2)\cdots(x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1)\cdots(x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, -3.66)$, $(-4.5, -4.51)$, $(-4.0, -2.4)$, $(-3.5, 3.52)$, $(-3.0, 3.44)$, $(-2.5, -1.09)$, $(-2.0, 4.09)$, $(-1.5, 0.46)$, $(-1.0, -0.12)$, $(-0.5, 1.03)$, $(0.0, 2.15)$, $(0.5, -4.02)$, $(1.0, 4.3)$, $(1.5, -0.01)$, $(2.0, -2.61)$

_____ -0.000000687848307

_____ 0.000647148736038

_____ 0.000000026311137

_____ 0.000275004008337

_____ 0.000011866322977

_____ -0.000240799529688

_____ 0.000410111699001

_____ -0.000067724867725

_____ -0.000296699420509

_____ 0.002308289241623

_____ -0.000041045374379

_____ 0.000073539629095

_____ 0.000404467960024

_____ -0.000000490514776

_____ -0.000387536743092

Aluno: RAFAEL DE MELO BÖEGER   Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2) \cdots (x - x_{14}) + a_1(x - x_0)(x - x_2) \cdots (x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1) \cdots (x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, 0.98)$, $(-4.5, 0.51)$, $(-4.0, 2.12)$, $(-3.5, -0.45)$, $(-3.0, -3.13)$, $(-2.5, 2.86)$, $(-2.0, -3.06)$, $(-1.5, 4.39)$, $(-1.0, -0.29)$, $(-0.5, 0.1)$, $(0.0, -1.52)$, $(0.5, -4.16)$, $(1.0, -2.06)$, $(1.5, 2.99)$, $(2.0, -4.27)$

———— -0.002831544469640

———— 0.000000184177962

———— -0.000001341868009

———— -0.000007867030089

———— -0.000163668430335

———— 0.000030784030784

———— -0.000035230613008

———— -0.000588830099941

———— -0.001726984126984

———— -0.000000802489691

———— 0.000284581262359

———— 0.000036256747368

———— -0.000037624926514

———— -0.000285949441505

———— -0.001076072898295

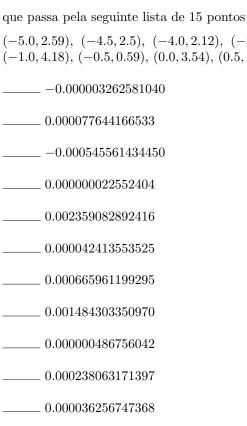Aluno: RAFAEL DOS SANTOS PEREIRA

Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2) \cdots (x - x_{14}) + a_1(x - x_0)(x - x_2) \cdots (x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1) \cdots (x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, 2.59)$, $(-4.5, 2.5)$, $(-4.0, 2.12)$, $(-3.5, -0.62)$, $(-3.0, -0.67)$, $(-2.5, 1.45)$, $(-2.0, 2.63)$, $(-1.5, -4.51)$, $(-1.0, 4.18)$, $(-0.5, 0.59)$, $(0.0, 3.54)$, $(0.5, -3.48)$, $(1.0, 4.54)$, $(1.5, 1.24)$, $(2.0, 0.12)$

_____ -0.000003262581040

_____ 0.000077644166533

_____ -0.000545561434450

_____ 0.000000022552404

_____ 0.002359082892416

_____ 0.000042413553525

_____ 0.000665961199295

_____ 0.001484303350970

_____ 0.000000486756042

_____ 0.000238063171397

_____ 0.000036256747368

_____ -0.000006577784356

_____ -0.000126043503821

_____ -0.000221987066432

_____ 0.002908944318468

Aluno: ROBSON BERTHELSEN

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2)\cdots(x - x_{14}) + a_1(x - x_0)(x - x_2)\cdots(x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1)\cdots(x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, 3.43), (-4.5, 1.81), (-4.0, -0.41), (-3.5, -3.25), (-3.0, -0.51), (-2.5, 1.81), (-2.0, 1.59), (-1.5, -3.64),$
$(-1.0, -1.73), (-0.5, -4.57), (0.0, 3.34), (0.5, -3.7), (1.0, 0.34), (1.5, 0.51), (2.0, -4.43)$

_____ 0.000897354497354

_____ −0.000001341868009

_____ −0.000007011918123

_____ −0.000000832559563

_____ 0.000000644622867

_____ 0.000222329111218

_____ 0.000628336272781

_____ −0.000095943562610

_____ −0.000681011169900

_____ 0.002347795414462

_____ 0.000253113142002

_____ −0.000004762315873

_____ −0.000976366843034

_____ 0.000005814761370

_____ 0.001719459141681

Aluno: THIAGO BRANDENBURG
Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2) \cdots (x - x_{14}) + a_1(x - x_0)(x - x_2) \cdots (x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1) \cdots (x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, 1.48)$, $(-4.5, -0.09)$, $(-4.0, -2.68)$, $(-3.5, 3.45)$, $(-3.0, -1.19)$, $(-2.5, 4.5)$, $(-2.0, 4.65)$, $(-1.5, -2.98)$, $(-1.0, 0.13)$, $(-0.5, 2.15)$, $(0.0, -3.37)$, $(0.5, -0.49)$, $(1.0, -0.34)$, $(1.5, 3.3)$, $(2.0, -1.93)$

———— -0.000633980011758

———— -0.000045834001390

———— -0.000000362717823

———— 0.002624338624339

———— 0.000033520389076

———— -0.000808935920047

———— -0.000005814761370

———— -0.000008682675349

———— 0.000073368606702

———— 0.000000236800237

———— -0.000223868312757

———— 0.001922096245906

———— -0.001693121693122

———— 0.000000278146310

———— -0.000236010902678

Aluno: THIAGO PIMENTA BARROS SILVA
Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x-x_1)(x-x_2)\cdots(x-x_{14}) + a_1(x-x_0)(x-x_2)\cdots(x-x_{14}) + \cdots + a_{14}(x-x_0)(x-x_1)\cdots(x-x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, 3.55), (-4.5, -2.07), (-4.0, 2.89), (-3.5, -1.53), (-3.0, 0.87), (-2.5, -3.82), (-2.0, -4.57), (-1.5, -1.12),$
$(-1.0, -1.44), (-0.5, -3.57), (0.0, -1.61), (0.5, 0.1), (1.0, -3.43), (1.5, 0.69), (2.0, 4.32)$

_____ 0.000000667175270

_____ −0.000812698412698

_____ 0.000005446405446

_____ −0.000058660680883

_____ 0.000000811886526

_____ −0.002579188712522

_____ 0.000722398589065

_____ −0.000006840895730

_____ 0.001437272192828

_____ −0.000001815468482

_____ 0.000104665704666

_____ 0.000163668430335

_____ 0.001343209876543

_____ −0.000302880658436

_____ 0.000049425471648

Aluno: VINICIUS GASPARINI   Submeter até: 19/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 14

$$p(x) = a_0(x - x_1)(x - x_2) \cdots (x - x_{14}) + a_1(x - x_0)(x - x_2) \cdots (x - x_{14}) + \cdots + a_{14}(x - x_0)(x - x_1) \cdots (x - x_{13})$$

que passa pela seguinte lista de 15 pontos

$(-5.0, 0.11)$, $(-4.5, -1.04)$, $(-4.0, -5.0)$, $(-3.5, 4.97)$, $(-3.0, 0.74)$, $(-2.5, -2.15)$, $(-2.0, 3.3)$, $(-1.5, -0.92)$, $(-1.0, -4.79)$, $(-0.5, 1.99)$, $(0.0, 1.71)$, $(0.5, 3.68)$, $(1.0, 2.81)$, $(1.5, -3.71)$, $(2.0, -1.1)$

_____ -0.000000206730365

_____ 0.001862433862434

_____ -0.000085511196622

_____ 0.000593398841018

_____ -0.000748736037625

_____ -0.000339992517770

_____ -0.002703350970018

_____ 0.000139212228101

_____ 0.000048057292502

_____ 0.000321693121693

_____ 0.000009761431984

_____ 0.000808935920047

_____ 0.000000020673037

_____ -0.000251744962856

_____ 0.000002736358292