E08 — ANN0001 — CCI

Aluno: ANA CAROLINA VEDOY ALVES Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$p(x) = a_0 + a_1(x - x_0) + a_2(x - x_0)(x - x_1) + a_3(x - x_0)(x - x_1)(x - x_2) + \cdots + a_{20}(x - x_0)(x - x_1)(x - x_2)\cdots(x - x_{19})$

que passa pela seguinte lista de 21 pontos

$(-5.0, -2.77)$, $(-4.5, -2.24)$, $(-4.0, -2.49)$, $(-3.5, -4.29)$, $(-3.0, -0.02)$, $(-2.5, -3.38)$, $(-2.0, 4.92)$, $(-1.5, -3.76)$, $(-1.0, -4.07)$, $(-0.5, 0.5)$, $(0.0, 4.06)$, $(0.5, 2.3)$, $(1.0, 4.86)$, $(1.5, 4.34)$, $(2.0, 1.66)$, $(2.5, -0.68)$, $(3.0, 3.34)$, $(3.5, -1.82)$, $(4.0, 3.51)$, $(4.5, -2.57)$, $(5.0, -0.34)$

_____ -0.020699919011030

_____ -1.026666666666667

_____ -1.560000000000000

_____ -0.256783966650633

_____ 0.000220109171644

_____ -0.000001577628204

_____ 5.593333333333334

_____ -0.000043453119830

_____ -5.568253968253968

_____ -7.922666666666667

_____ 0.725291005291005

_____ -2.770000000000000

_____ -1.725544973544974

_____ 0.004919466659149

_____ 0.000000291225717

_____ 0.077945165945166

_____ 0.000008366003655

_____ 7.468444444444444

_____ 1.060000000000000

_____ 3.411555555555556

_____ -0.001072624385217

E08 — ANN0001 — CCI

Aluno: ANDERSON VAILATI RITZMANN Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$p(x) = a_0 + a_1(x-x_0) + a_2(x-x_0)(x-x_1) + a_3(x-x_0)(x-x_1)(x-x_2) + \cdots + a_{20}(x-x_0)(x-x_1)(x-x_2)\cdots(x-x_{19})$

que passa pela seguinte lista de 21 pontos

$(-5.0, -1.7)$, $(-4.5, 4.6)$, $(-4.0, 2.12)$, $(-3.5, -0.86)$, $(-3.0, 0.8)$, $(-2.5, 3.89)$, $(-2.0, -4.21)$, $(-1.5, 2.15)$, $(-1.0, 4.27)$, $(-0.5, -1.22)$, $(0.0, 2.71)$, $(0.5, -0.56)$, $(1.0, 1.67)$, $(1.5, 1.75)$, $(2.0, -3.24)$, $(2.5, 3.29)$, $(3.0, -4.5)$, $(3.5, 4.14)$, $(4.0, -4.47)$, $(4.5, -4.52)$, $(5.0, -1.25)$

_____ -0.000001920581879

_____ -17.559999999999999

_____ -0.450488888888889

_____ 11.039999999999999

_____ -2.093333333333332

_____ -1.700000000000000

_____ -1.389333333333334

_____ 0.000048675103067

_____ 0.163128683662017

_____ -0.046485596707819

_____ -0.001552830708386

_____ 0.000067307710906

_____ -1.419873015873016

_____ 12.600000000000000

_____ 0.000000354881154

_____ 0.952761904761905

_____ 0.000008544940680

_____ 0.010250661272883

_____ 0.368888888888890

_____ 1.132444444444444

_____ -0.000029938669416

E08 — ANN0001 — CCI

Aluno: ANDRÉ LUÍS PERIPOLLI Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$$p(x) = a_0+a_1(x-x_0)+a_2(x-x_0)(x-x_1)+a_3(x-x_0)(x-x_1)(x-x_2)+\cdots+a_{20}(x-x_0)(x-x_1)(x-x_2)\cdots(x-x_{19})$$

que passa pela seguinte lista de 21 pontos

$(-5.0, 2.27)$, $(-4.5, 2.94)$, $(-4.0, -2.62)$, $(-3.5, 4.62)$, $(-3.0, -0.19)$, $(-2.5, -4.13)$, $(-2.0, -1.22)$, $(-1.5, 3.82)$, $(-1.0, -3.34)$, $(-0.5, -1.85)$, $(0.0, 0.74)$, $(0.5, 1.98)$, $(1.0, -0.9)$, $(1.5, -3.29)$, $(2.0, -0.03)$, $(2.5, 0.11)$, $(3.0, -1.43)$, $(3.5, 4.85)$, $(4.0, 0.08)$, $(4.5, -0.96)$, $(5.0, -0.91)$

_____ 2.270000000000000

_____ −11.231999999999999

_____ 0.000845527946480

_____ −0.000000200674076

_____ 21.773333333333333

_____ 0.069702228635562

_____ −29.253333333333334

_____ −0.000197552163690

_____ 25.373333333333335

_____ 0.010469004246782

_____ 0.000001315338226

_____ −0.153574603174603

_____ 0.000041261262052

_____ −1.291492063492063

_____ 4.249142857142857

_____ −12.460000000000001

_____ −0.000007757998963

_____ 0.392747795414462

_____ −0.029247052535941

_____ −0.003194358140390

_____ 1.340000000000000

E08 — ANN0001 — CCI

Aluno: BRUNO HENRIQUE COSTA SEIXAS Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$$p(x) = a_0+a_1(x-x_0)+a_2(x-x_0)(x-x_1)+a_3(x-x_0)(x-x_1)(x-x_2)+\cdots+a_{20}(x-x_0)(x-x_1)(x-x_2)\cdots(x-x_{19})$$

que passa pela seguinte lista de 21 pontos

$(-5.0,-4.32)$, $(-4.5,-4.43)$, $(-4.0,3.11)$, $(-3.5,-3.06)$, $(-3.0,-4.47)$, $(-2.5,-4.03)$, $(-2.0,-1.93)$, $(-1.5,1.25)$, $(-1.0,2.41)$, $(-0.5,2.9)$, $(0.0,-1.92)$, $(0.5,4.29)$, $(1.0,-3.28)$, $(1.5,-4.09)$, $(2.0,-4.82)$, $(2.5,3.52)$, $(3.0,4.31)$, $(3.5,1.66)$, $(4.0,4.43)$, $(4.5,0.44)$, $(5.0,3.12)$

_____ -0.000183919329739

_____ -0.226850088183422

_____ -2.857650793650794

_____ -4.320000000000000

_____ -0.219999999999999

_____ -0.000805515472182

_____ -28.480000000000000

_____ 0.000003403207685

_____ 0.002880319680320

_____ -16.322666666666670

_____ 0.000054506852440

_____ 0.893396825396826

_____ 0.000543473081886

_____ -0.004219464486131

_____ 15.299999999999997

_____ 7.583111111111113

_____ -0.000000734072407

_____ 26.553333333333335

_____ -0.001378654737385

_____ 0.041261375661376

_____ -0.000014356289710

E08 — ANN0001 — CCI

Aluno: DEVAIR DENER DAROLT Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$p(x) = a_0 + a_1(x - x_0) + a_2(x - x_0)(x - x_1) + a_3(x - x_0)(x - x_1)(x - x_2) + \cdots + a_{20}(x - x_0)(x - x_1)(x - x_2)\cdots(x - x_{19})$

que passa pela seguinte lista de 21 pontos

$(-5.0, 2.32)$, $(-4.5, 1.55)$, $(-4.0, 0.8)$, $(-3.5, 0.52)$, $(-3.0, 0.26)$, $(-2.5, 4.44)$, $(-2.0, -1.79)$, $(-1.5, -2.7)$, $(-1.0, 2.37)$, $(-0.5, 2.92)$, $(0.0, 4.59)$, $(0.5, 0.52)$, $(1.0, 0.11)$, $(1.5, 2.98)$, $(2.0, 4.87)$, $(2.5, 3.05)$, $(3.0, -1.42)$, $(3.5, -1.37)$, $(4.0, -0.99)$, $(4.5, -0.52)$, $(5.0, -4.17)$

_____ 2.638730158730159

_____ 0.000087902127267

_____ 0.002417927751261

_____ −0.600000000000000

_____ −0.000025483633725

_____ −0.018416204371760

_____ 0.000006137112930

_____ 0.086070610870611

_____ 1.538666666666667

_____ 2.320000000000000

_____ 0.829544973544973

_____ −0.000220038037604

_____ −0.000001288254826

_____ 0.000000241140702

_____ −2.658666666666667

_____ 0.000145893377639

_____ 0.600000000000000

_____ 0.040000000000000

_____ −0.302989770723104

_____ −1.540000000000000

_____ −1.735809523809524

E08 — ANN0001 — CCI

Aluno: ENDREW RAFAEL TREPTOW HANG Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$p(x) = a_0 + a_1(x - x_0) + a_2(x - x_0)(x - x_1) + a_3(x - x_0)(x - x_1)(x - x_2) + \cdots + a_{20}(x - x_0)(x - x_1)(x - x_2)\cdots(x - x_{19})$

que passa pela seguinte lista de 21 pontos

$(-5.0, 4.09)$, $(-4.5, -3.75)$, $(-4.0, -3.51)$, $(-3.5, 2.1)$, $(-3.0, -0.93)$, $(-2.5, -1.28)$, $(-2.0, 2.84)$, $(-1.5, -2.81)$, $(-1.0, 1.73)$, $(-0.5, 2.93)$, $(0.0, -4.25)$, $(0.5, 2.38)$, $(1.0, -0.75)$, $(1.5, 4.3)$, $(2.0, -0.56)$, $(2.5, -4.92)$, $(3.0, 0.93)$, $(3.5, -1.17)$, $(4.0, 3.23)$, $(4.5, -1.14)$, $(5.0, 4.01)$

_____ 0.039852151141040

_____ −0.453841269841270

_____ −7.533333333333332

_____ 2.535873015873016

_____ 16.160000000000000

_____ −15.680000000000000

_____ −6.354666666666667

_____ 0.207915343915344

_____ −0.185594356261023

_____ 9.767999999999999

_____ −0.011277795455573

_____ 4.090000000000000

_____ 0.002416226924163

_____ −0.000009363103637

_____ −0.000332458762088

_____ −3.613333333333335

_____ 0.000002697075406

_____ −0.000000640309956

_____ −0.107990379990380

_____ −0.000006859814691

_____ 0.000022915062367

E08 — ANN0001 — CCI

Aluno: FILIPE DA SILVA DE OLIVEIRA Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$$p(x) = a_0+a_1(x-x_0)+a_2(x-x_0)(x-x_1)+a_3(x-x_0)(x-x_1)(x-x_2)+\cdots+a_{20}(x-x_0)(x-x_1)(x-x_2)\cdots(x-x_{19})$$

que passa pela seguinte lista de 21 pontos

$(-5.0,-1.03)$, $(-4.5,-3.42)$, $(-4.0,-4.51)$, $(-3.5,-2.95)$, $(-3.0,-3.64)$, $(-2.5,3.2)$, $(-2.0,-0.04)$, $(-1.5,4.61)$, $(-1.0,0.34)$, $(-0.5,-4.96)$, $(0.0,4.85)$, $(0.5,1.93)$, $(1.0,2.37)$, $(1.5,-0.29)$, $(2.0,-3.0)$, $(2.5,-3.82)$, $(3.0,-2.6)$, $(3.5,1.24)$, $(4.0,-2.54)$, $(4.5,4.39)$, $(5.0,4.53)$

_____ 2.600000000000000

_____ −5.599999999999999

_____ −4.779999999999999

_____ 1.800000000000000

_____ −1.030000000000000

_____ −2.580380952380952

_____ −0.530068430335097

_____ 5.581333333333331

_____ −0.001872120119739

_____ 0.000010752323504

_____ 0.182845342312009

_____ 1.281058201058201

_____ −4.166666666666665

_____ 0.000088063627535

_____ 0.011726097770542

_____ −0.051940526962749

_____ 4.267682539682539

_____ −0.000002620200699

_____ 0.000072682794376

_____ −0.000035341160321

_____ 0.000000548928148

E08 — ANN0001 — CCI

Aluno: FREDERICO MINUZZI Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$$p(x) = a_0+a_1(x-x_0)+a_2(x-x_0)(x-x_1)+a_3(x-x_0)(x-x_1)(x-x_2)+\cdots+a_{20}(x-x_0)(x-x_1)(x-x_2)\cdots(x-x_{19})$$

que passa pela seguinte lista de 21 pontos

$(-5.0,-2.36)$, $(-4.5,-3.25)$, $(-4.0,-3.83)$, $(-3.5,-4.79)$, $(-3.0,-4.56)$, $(-2.5,4.1)$, $(-2.0,-1.19)$, $(-1.5,-3.6)$, $(-1.0,-3.61)$, $(-0.5,3.35)$, $(0.0,-4.5)$, $(0.5,-0.75)$, $(1.0,3.26)$, $(1.5,1.14)$, $(2.0,-3.79)$, $(2.5,3.9)$, $(3.0,-2.96)$, $(3.5,4.87)$, $(4.0,1.81)$, $(4.5,2.26)$, $(5.0,1.9)$

_____ -0.000000635909664

_____ -1.780000000000000

_____ -0.048944813211480

_____ 0.909333333333333

_____ 3.627174603174603

_____ 0.015153939065050

_____ -0.000329049402489

_____ -0.004520832254166

_____ -2.360000000000000

_____ 1.137199294532628

_____ -0.444884656084656

_____ -3.440000000000000

_____ 0.001270125304834

_____ 0.152706236972904

_____ 0.620000000000000

_____ 0.000003374915034

_____ 1.506666666666667

_____ -0.000016856249434

_____ 0.000077858760759

_____ -2.363746031746031

_____ -0.920000000000000

E08 — ANN0001 — CCI

Aluno: GUILHERME ARAÚJO LIRA DE MENEZES Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$p(x) = a_0 + a_1(x-x_0) + a_2(x-x_0)(x-x_1) + a_3(x-x_0)(x-x_1)(x-x_2) + \cdots + a_{20}(x-x_0)(x-x_1)(x-x_2)\cdots(x-x_{19})$

que passa pela seguinte lista de 21 pontos

$(-5.0, -4.78)$, $(-4.5, 3.77)$, $(-4.0, 3.17)$, $(-3.5, -2.15)$, $(-3.0, 3.9)$, $(-2.5, 4.12)$, $(-2.0, 4.17)$, $(-1.5, 0.27)$, $(-1.0, -4.22)$, $(-0.5, -2.32)$, $(0.0, 4.88)$, $(0.5, -1.18)$, $(1.0, 3.19)$, $(1.5, -0.82)$, $(2.0, -1.57)$, $(2.5, -1.67)$, $(3.0, 0.13)$, $(3.5, 3.18)$, $(4.0, 0.68)$, $(4.5, 4.23)$, $(5.0, 3.76)$

_____ -0.000390187151669

_____ 0.000011858346109

_____ 0.014535449735450

_____ 8.986666666666666

_____ -18.300000000000001

_____ 0.000136228513795

_____ 0.231508994708995

_____ -0.003610545832768

_____ 2.075428571428571

_____ 0.001099734128306

_____ -0.752296296296296

_____ -0.000002911132523

_____ -11.986666666666668

_____ -0.061055507455507

_____ -4.780000000000000

_____ 0.000000639630836

_____ 7.773333333333335

_____ -4.813968253968254

_____ 17.100000000000001

_____ -0.000042797769832

_____ 5.906666666666666

E08 — ANN0001 — CCI

Aluno: GUILHERME LAFUENTE GONÇALVES Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$p(x) = a_0 + a_1(x - x_0) + a_2(x - x_0)(x - x_1) + a_3(x - x_0)(x - x_1)(x - x_2) + \cdots + a_{20}(x - x_0)(x - x_1)(x - x_2)\cdots(x - x_{19})$

que passa pela seguinte lista de 21 pontos

$(-5.0, -2.81)$, $(-4.5, 2.01)$, $(-4.0, 4.01)$, $(-3.5, 3.36)$, $(-3.0, -4.4)$, $(-2.5, 4.28)$, $(-2.0, 2.72)$, $(-1.5, -2.06)$, $(-1.0, 3.53)$, $(-0.5, 2.88)$, $(0.0, -2.5)$, $(0.5, -2.74)$, $(1.0, -2.33)$, $(1.5, 1.97)$, $(2.0, -4.61)$, $(2.5, -3.57)$, $(3.0, -0.83)$, $(3.5, 2.28)$, $(4.0, -0.73)$, $(4.5, 3.51)$, $(5.0, -3.94)$

_____ 6.934603174603175

_____ −3.086666666666666

_____ −0.367483597883598

_____ 0.074517877184544

_____ 0.000838481448005

_____ −0.000005274008536

_____ −9.856000000000000

_____ −3.468444444444444

_____ −0.000252369413851

_____ 0.000000546345702

_____ 9.640000000000001

_____ −0.000000190841942

_____ −2.810000000000000

_____ −0.001080558947226

_____ −0.008081919726364

_____ 8.703999999999999

_____ 0.226666666666667

_____ −5.640000000000001

_____ 0.000049493943251

_____ −0.000000634774001

_____ 1.299372134038800

E08 — ANN0001 — CCI

Aluno: HENRIQUE WIPPEL PARUCKER DA SILVA Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$$p(x) = a_0+a_1(x-x_0)+a_2(x-x_0)(x-x_1)+a_3(x-x_0)(x-x_1)(x-x_2)+\cdots+a_{20}(x-x_0)(x-x_1)(x-x_2)\cdots(x-x_{19})$$

que passa pela seguinte lista de 21 pontos

$(-5.0,-4.71)$, $(-4.5,-1.55)$, $(-4.0,2.2)$, $(-3.5,2.56)$, $(-3.0,-0.39)$, $(-2.5,-3.86)$, $(-2.0,-5.0)$, $(-1.5,1.46)$, $(-1.0,3.09)$, $(-0.5,-1.56)$, $(0.0,4.62)$, $(0.5,-2.72)$, $(1.0,-3.36)$, $(1.5,-0.44)$, $(2.0,-4.0)$, $(2.5,2.34)$, $(3.0,0.14)$, $(3.5,-4.4)$, $(4.0,-4.54)$, $(4.5,-1.77)$, $(5.0,-3.52)$

_____ 6.320000000000000

_____ 0.187047619047619

_____ −0.000053448267678

_____ 0.000013020084369

_____ −0.009486697664475

_____ 0.000472337539004

_____ −0.360000000000000

_____ −0.214603174603175

_____ −0.000487571436989

_____ 1.180000000000000

_____ 2.706666666666667

_____ 0.000810091730727

_____ −5.306666666666667

_____ −4.710000000000000

_____ −0.000002715071514

_____ −0.115555555555556

_____ 0.000182816329271

_____ 0.160253968253968

_____ −0.105120282186949

_____ 0.039867885201219

_____ 0.000000489004007

E08 — ANN0001 — CCI

Aluno: JOÃO GUILHERME PELIZZA Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$$p(x) = a_0+a_1(x-x_0)+a_2(x-x_0)(x-x_1)+a_3(x-x_0)(x-x_1)(x-x_2)+\cdots+a_{20}(x-x_0)(x-x_1)(x-x_2)\cdots(x-x_{19})$$

que passa pela seguinte lista de 21 pontos

$(-5.0, 4.89)$, $(-4.5, -3.09)$, $(-4.0, 1.17)$, $(-3.5, -1.28)$, $(-3.0, 4.9)$, $(-2.5, -1.41)$, $(-2.0, -3.24)$, $(-1.5, -0.04)$, $(-1.0, 2.88)$, $(-0.5, 0.47)$, $(0.0, 1.78)$, $(0.5, -4.91)$, $(1.0, -0.8)$, $(1.5, 0.12)$, $(2.0, -3.14)$, $(2.5, -4.27)$, $(3.0, 4.05)$, $(3.5, -2.09)$, $(4.0, 3.34)$, $(4.5, 2.78)$, $(5.0, 1.32)$

_____ 0.000000525503783

_____ 0.021195916840361

_____ 0.000175602974333

_____ −0.080705980439314

_____ −18.866666666666667

_____ −1.032987654320988

_____ 22.859999999999999

_____ 24.479999999999997

_____ −0.000589593248218

_____ −0.006027118560452

_____ 2.974539682539683

_____ −6.967873015873017

_____ 0.304039506172839

_____ −0.000002592942616

_____ −15.959999999999999

_____ 12.915555555555557

_____ 4.890000000000000

_____ −0.000047686121212

_____ −25.266666666666666

_____ 0.001870894772482

_____ 0.000011688039840

E08 — ANN0001 — CCI

Aluno: JOSÉ EDUARDO BRANDÃO Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$p(x) = a_0+a_1(x-x_0)+a_2(x-x_0)(x-x_1)+a_3(x-x_0)(x-x_1)(x-x_2)+\cdots+a_{20}(x-x_0)(x-x_1)(x-x_2)\cdots(x-x_{19})$

que passa pela seguinte lista de 21 pontos

$(-5.0,-1.92)$, $(-4.5,3.8)$, $(-4.0,1.9)$, $(-3.5,-1.56)$, $(-3.0,-1.79)$, $(-2.5,0.54)$, $(-2.0,-0.13)$, $(-1.5,2.14)$, $(-1.0,-3.89)$, $(-0.5,-2.4)$, $(0.0,-1.64)$, $(0.5,-4.64)$, $(1.0,2.89)$, $(1.5,-1.61)$, $(2.0,-0.87)$, $(2.5,-0.28)$, $(3.0,2.14)$, $(3.5,-0.48)$, $(4.0,3.64)$, $(4.5,3.82)$, $(5.0,-2.08)$

_____ 0.000000290712260

_____ −1.117333333333334

_____ 0.011426242892910

_____ −0.000000804136319

_____ 0.000014397483878

_____ 0.353904761904762

_____ −15.239999999999998

_____ 8.079999999999998

_____ −0.456825396825397

_____ 0.000000351821589

_____ 0.423111111111111

_____ 0.092942632675966

_____ −0.000123758068308

_____ 0.000696026810736

_____ −1.920000000000000

_____ −0.003094755450311

_____ −0.846666666666666

_____ 0.280888888888889

_____ −0.202043033509700

_____ 11.440000000000000

_____ −0.035528790551013

E08 — ANN0001 — CCI

Aluno: LEONARDO DE CASTRO Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$$p(x) = a_0 + a_1(x-x_0) + a_2(x-x_0)(x-x_1) + a_3(x-x_0)(x-x_1)(x-x_2) + \cdots + a_{20}(x-x_0)(x-x_1)(x-x_2)\cdots(x-x_{19})$$

que passa pela seguinte lista de 21 pontos

$(-5.0, -4.95)$, $(-4.5, 0.76)$, $(-4.0, -2.62)$, $(-3.5, -1.06)$, $(-3.0, -0.23)$, $(-2.5, -1.85)$, $(-2.0, -1.04)$, $(-1.5, 2.94)$, $(-1.0, -0.13)$, $(-0.5, 0.09)$, $(0.0, -1.14)$, $(0.5, 4.11)$, $(1.0, 2.48)$, $(1.5, 0.03)$, $(2.0, -4.49)$, $(2.5, -3.25)$, $(3.0, -0.25)$, $(3.5, 1.13)$, $(4.0, 3.38)$, $(4.5, 3.48)$, $(5.0, -4.8)$

_____ -1.866666666666666

_____ 0.193269841269841

_____ -0.002367040132119

_____ 0.000002177013129

_____ -13.133333333333333

_____ 6.306666666666667

_____ 0.000700404232256

_____ 0.061587301587302

_____ 18.706666666666667

_____ 0.035783357383357

_____ 11.420000000000000

_____ -0.000187348391370

_____ -0.046402821869489

_____ 0.010455026455026

_____ -0.017941189674523

_____ -0.000000425777228

_____ -0.000010374706682

_____ -18.180000000000000

_____ 0.000045888676228

_____ 0.007071486538153

_____ -4.950000000000000

E08 — ANN0001 — CCI

Aluno: LEONARDO SILVA VASQUEZ RIBEIRO Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$$p(x) = a_0+a_1(x-x_0)+a_2(x-x_0)(x-x_1)+a_3(x-x_0)(x-x_1)(x-x_2)+\cdots+a_{20}(x-x_0)(x-x_1)(x-x_2)\cdots(x-x_{19})$$

que passa pela seguinte lista de 21 pontos

$(-5.0, 0.56)$, $(-4.5, -3.56)$, $(-4.0, -2.96)$, $(-3.5, 1.8)$, $(-3.0, -1.82)$, $(-2.5, 0.39)$, $(-2.0, -4.71)$, $(-1.5, 1.53)$, $(-1.0, -0.64)$, $(-0.5, -3.91)$, $(0.0, 3.44)$, $(0.5, -4.2)$, $(1.0, 3.04)$, $(1.5, 4.07)$, $(2.0, -3.09)$, $(2.5, 1.03)$, $(3.0, 0.12)$, $(3.5, 2.35)$, $(4.0, 4.14)$, $(4.5, -4.64)$, $(5.0, -0.41)$

_____ 10.327999999999999

_____ 0.000012719080617

_____ 0.191388936988937

_____ −0.000040130214796

_____ 0.000074268447602

_____ −0.746666666666667

_____ −8.251555555555555

_____ 9.440000000000001

_____ −0.550964373897707

_____ −8.240000000000000

_____ 0.560000000000000

_____ 1.349121693121693

_____ −0.055563294318850

_____ −7.986666666666665

_____ 5.233523809523809

_____ −0.000003154994749

_____ −2.848507936507936

_____ 0.013012238790017

_____ 0.000000659000061

_____ −0.002213356778436

_____ 0.000143520238335

E08 — ANN0001 — CCI

Aluno: LUCAS MATHEUS CAMILO VEIGA Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$$p(x) = a_0+a_1(x-x_0)+a_2(x-x_0)(x-x_1)+a_3(x-x_0)(x-x_1)(x-x_2)+\cdots+a_{20}(x-x_0)(x-x_1)(x-x_2)\cdots(x-x_{19})$$

que passa pela seguinte lista de 21 pontos

$(-5.0,-0.56)$, $(-4.5,-2.94)$, $(-4.0,-2.08)$, $(-3.5,-0.7)$, $(-3.0,-3.85)$, $(-2.5,2.5)$, $(-2.0,4.04)$, $(-1.5,0.22)$, $(-1.0,-0.6)$, $(-0.5,2.01)$, $(0.0,-4.78)$, $(0.5,0.47)$, $(1.0,2.99)$, $(1.5,-3.02)$, $(2.0,1.93)$, $(2.5,3.06)$, $(3.0,1.85)$, $(3.5,-0.96)$, $(4.0,3.77)$, $(4.5,-4.24)$, $(5.0,3.85)$

_____ -0.183178835978836

_____ 0.044192528459195

_____ -0.560000000000000

_____ -1.553333333333334

_____ -0.000161728015273

_____ -3.626666666666666

_____ -0.000000277426901

_____ 0.657848324514991

_____ 0.000042112143600

_____ 4.021587301587301

_____ -0.011397958420181

_____ 0.000001758442700

_____ -0.001473617270443

_____ 0.003829204540316

_____ -0.000009331538461

_____ 6.480000000000000

_____ -1.871873015873016

_____ -6.118222222222222

_____ 5.709333333333334

_____ -4.760000000000000

_____ 0.000526927135181

E08 — ANN0001 — CCI

Aluno: LUCAS MENEGHELLI PEREIRA Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$p(x) = a_0 + a_1(x - x_0) + a_2(x - x_0)(x - x_1) + a_3(x - x_0)(x - x_1)(x - x_2) + \cdots + a_{20}(x - x_0)(x - x_1)(x - x_2)\cdots(x - x_{19})$

que passa pela seguinte lista de 21 pontos

$(-5.0, 2.39)$, $(-4.5, 1.5)$, $(-4.0, -4.29)$, $(-3.5, 4.59)$, $(-3.0, 2.66)$, $(-2.5, 2.82)$, $(-2.0, -2.11)$, $(-1.5, 4.02)$, $(-1.0, 1.28)$, $(-0.5, -4.69)$, $(0.0, -4.33)$, $(0.5, -1.91)$, $(1.0, 2.02)$, $(1.5, -3.66)$, $(2.0, -1.56)$, $(2.5, 0.55)$, $(3.0, 2.6)$, $(3.5, 0.36)$, $(4.0, -1.91)$, $(4.5, 3.75)$, $(5.0, 4.16)$

_____ 22.247999999999998

_____ 1.237417989417989

_____ 0.000532035254575

_____ −1.780000000000000

_____ −9.800000000000001

_____ 6.190730158730157

_____ 2.390000000000000

_____ 0.169847811447811

_____ −30.033333333333331

_____ −12.612444444444444

_____ 0.000000224293057

_____ −0.000000733124953

_____ 26.093333333333334

_____ −0.000075616360907

_____ 0.000005329888380

_____ −0.489264197530864

_____ −0.050915162204051

_____ 0.000001303019979

_____ 0.013115786271342

_____ −0.002888226177115

_____ −2.847301587301587

E08 — ANN0001 — CCI

Aluno: MARCOS VALDECIR CAVALHEIRO JUNIOR Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$$p(x) = a_0+a_1(x-x_0)+a_2(x-x_0)(x-x_1)+a_3(x-x_0)(x-x_1)(x-x_2)+\cdots+a_{20}(x-x_0)(x-x_1)(x-x_2)\cdots(x-x_{19})$$

que passa pela seguinte lista de 21 pontos

$(-5.0,-1.79)$, $(-4.5,-2.47)$, $(-4.0,4.04)$, $(-3.5,-1.93)$, $(-3.0,-1.7)$, $(-2.5,1.77)$, $(-2.0,1.96)$, $(-1.5,-1.85)$, $(-1.0,3.36)$, $(-0.5,1.32)$, $(0.0,4.54)$, $(0.5,-0.03)$, $(1.0,1.81)$, $(1.5,-3.21)$, $(2.0,1.11)$, $(2.5,-0.42)$, $(3.0,-1.97)$, $(3.5,-1.49)$, $(4.0,4.34)$, $(4.5,-1.03)$, $(5.0,-1.11)$

_____ -0.063367901234568

_____ -0.001134726437584

_____ 14.379999999999999

_____ -15.997333333333335

_____ -26.226666666666670

_____ 0.597396825396825

_____ 0.000000754884316

_____ 0.115530158730159

_____ -0.011379474846142

_____ -0.000075549313570

_____ 0.003816327117914

_____ 0.029301266634600

_____ -1.360000000000000

_____ 0.000305388235124

_____ -0.000003735772066

_____ 25.566666666666670

_____ -0.212966490299824

_____ 6.939555555555557

_____ -1.790000000000000

_____ -2.204190476190476

_____ 0.000017367392207

E08 — ANN0001 — CCI

Aluno: MATHEUS RAMBO DA ROZA Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$$p(x) = a_0 + a_1(x - x_0) + a_2(x - x_0)(x - x_1) + a_3(x - x_0)(x - x_1)(x - x_2) + \cdots + a_{20}(x - x_0)(x - x_1)(x - x_2)\cdots(x - x_{19})$$

que passa pela seguinte lista de 21 pontos

$(-5.0, 3.41)$, $(-4.5, -0.07)$, $(-4.0, -3.9)$, $(-3.5, -4.57)$, $(-3.0, 1.66)$, $(-2.5, -3.92)$, $(-2.0, -2.47)$, $(-1.5, -2.94)$, $(-1.0, 2.72)$, $(-0.5, -1.12)$, $(0.0, 4.2)$, $(0.5, 1.47)$, $(1.0, -4.17)$, $(1.5, 3.8)$, $(2.0, 4.94)$, $(2.5, 1.56)$, $(3.0, 1.16)$, $(3.5, 4.71)$, $(4.0, -1.49)$, $(4.5, 4.15)$, $(5.0, -4.71)$

_____ 7.349333333333334

_____ −5.283047619047620

_____ 0.475583774250441

_____ 0.005101904327301

_____ 0.153333333333334

_____ 0.000319419620160

_____ −0.001347119210400

_____ −0.168632868366202

_____ −1.233947089947090

_____ 3.410000000000000

_____ −6.048000000000001

_____ −0.000001988183620

_____ −0.017596323018545

_____ −0.700000000000000

_____ 0.000000264024418

_____ 2.815809523809524

_____ 4.680000000000000

_____ −6.960000000000000

_____ 0.056206338517450

_____ −0.000067270772132

_____ 0.000012445404662

E08 — ANN0001 — CCI

Aluno: NILTON JOSÉ MOCELIN JÚNIOR Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$$p(x) = a_0+a_1(x-x_0)+a_2(x-x_0)(x-x_1)+a_3(x-x_0)(x-x_1)(x-x_2)+\cdots+a_{20}(x-x_0)(x-x_1)(x-x_2)\cdots(x-x_{19})$$

que passa pela seguinte lista de 21 pontos

$(-5.0,-0.87)$, $(-4.5,4.36)$, $(-4.0,-1.16)$, $(-3.5,-3.49)$, $(-3.0,0.84)$, $(-2.5,-1.17)$, $(-2.0,-0.32)$, $(-1.5,-4.35)$, $(-1.0,-3.54)$, $(-0.5,-2.51)$, $(0.0,2.96)$, $(0.5,3.53)$, $(1.0,2.57)$, $(1.5,4.53)$, $(2.0,-2.37)$, $(2.5,-4.79)$, $(3.0,-0.08)$, $(3.5,-4.92)$, $(4.0,-4.74)$, $(4.5,0.9)$, $(5.0,0.36)$

_____ -0.870000000000000

_____ 0.000000103265575

_____ -1.599999999999999

_____ -0.797065255731922

_____ 10.460000000000001

_____ -0.000675736663885

_____ 3.970666666666666

_____ 0.034935428357651

_____ 0.000005634914960

_____ 0.000153348105941

_____ -6.980000000000002

_____ -0.010143930143930

_____ 0.315183068783069

_____ 1.738603174603174

_____ -0.110391534391534

_____ 18.586666666666670

_____ 0.002724110457444

_____ -21.500000000000000

_____ -0.000000860610596

_____ -0.000031331166096

_____ -3.110603174603174

E08 — ANN0001 — CCI

Aluno: PAULO ROBERTO ALBUQUERQUE Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$p(x) = a_0+a_1(x-x_0)+a_2(x-x_0)(x-x_1)+a_3(x-x_0)(x-x_1)(x-x_2)+\cdots+a_{20}(x-x_0)(x-x_1)(x-x_2)\cdots(x-x_{19})$

que passa pela seguinte lista de 21 pontos

$(-5.0,-1.17)$, $(-4.5,-2.98)$, $(-4.0,-4.97)$, $(-3.5,-2.97)$, $(-3.0,-0.18)$, $(-2.5,-2.36)$, $(-2.0,-0.48)$, $(-1.5,4.37)$, $(-1.0,2.81)$, $(-0.5,-3.21)$, $(0.0,-0.18)$, $(0.5,0.05)$, $(1.0,2.05)$, $(1.5,4.65)$, $(2.0,4.75)$, $(2.5,-1.25)$, $(3.0,-4.65)$, $(3.5,4.98)$, $(4.0,-2.39)$, $(4.5,2.18)$, $(5.0,-4.86)$

_____ -1.391746031746032

_____ 0.000670424695822

_____ -0.000001361631553

_____ 0.002754743199188

_____ -0.284656084656085

_____ 0.786031746031746

_____ -1.170000000000000

_____ -0.000026459032547

_____ -0.000281846658143

_____ -0.359999999999999

_____ -3.620000000000000

_____ 1.282666666666666

_____ -4.913333333333332

_____ 0.000006384636204

_____ 0.000000260699845

_____ 0.000094585907919

_____ 1.114666666666667

_____ -0.001267657445435

_____ 5.559999999999999

_____ -0.013008305274972

_____ 0.070961552028219

E08 — ANN0001 — CCI

Aluno: RAFAEL DE MELO BÖEGER Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$$p(x) = a_0 + a_1(x-x_0) + a_2(x-x_0)(x-x_1) + a_3(x-x_0)(x-x_1)(x-x_2) + \cdots + a_{20}(x-x_0)(x-x_1)(x-x_2)\cdots(x-x_{19})$$

que passa pela seguinte lista de 21 pontos

$(-5.0, -3.95)$, $(-4.5, 2.01)$, $(-4.0, 0.39)$, $(-3.5, 3.1)$, $(-3.0, 3.64)$, $(-2.5, -2.98)$, $(-2.0, 3.19)$, $(-1.5, -1.72)$, $(-1.0, -3.13)$, $(-0.5, 2.09)$, $(0.0, -3.48)$, $(0.5, 3.86)$, $(1.0, 2.19)$, $(1.5, -0.67)$, $(2.0, -2.4)$, $(2.5, -3.14)$, $(3.0, -1.37)$, $(3.5, 1.19)$, $(4.0, 1.72)$, $(4.5, 2.41)$, $(5.0, 2.71)$

_____ -0.000000622157822

_____ -0.000013274093711

_____ -0.009455275588609

_____ -3.950000000000000

_____ 0.521461728395062

_____ 5.311999999999999

_____ 0.000048086500075

_____ -2.430476190476190

_____ 0.000143818180644

_____ -0.000130492905096

_____ -15.160000000000000

_____ 0.312000000000000

_____ 0.047069381647159

_____ -12.273333333333333

_____ 2.151873015873015

_____ -0.175966137566138

_____ 0.001071500398485

_____ -1.220938271604938

_____ 0.000003071178344

_____ 11.920000000000000

_____ 15.880000000000001

E08 — ANN0001 — CCI

Aluno: RAFAEL DOS SANTOS PEREIRA Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$$p(x) = a_0+a_1(x-x_0)+a_2(x-x_0)(x-x_1)+a_3(x-x_0)(x-x_1)(x-x_2)+\cdots+a_{20}(x-x_0)(x-x_1)(x-x_2)\cdots(x-x_{19})$$

que passa pela seguinte lista de 21 pontos

$(-5.0,-1.48)$, $(-4.5,1.2)$, $(-4.0,-1.82)$, $(-3.5,-1.22)$, $(-3.0,-3.61)$, $(-2.5,1.81)$, $(-2.0,-1.63)$, $(-1.5,-3.87)$, $(-1.0,3.77)$, $(-0.5,2.47)$, $(0.0,-2.81)$, $(0.5,-1.81)$, $(1.0,3.38)$, $(1.5,4.65)$, $(2.0,-1.7)$, $(2.5,-0.3)$, $(3.0,-3.37)$, $(3.5,4.33)$, $(4.0,-1.8)$, $(4.5,2.05)$, $(5.0,4.39)$

_____ -0.253674779541446

_____ 0.000082063591905

_____ 0.000000008450454

_____ -6.952888888888888

_____ 0.000002616748254

_____ -0.003136208647320

_____ 0.880959435626102

_____ -2.277396825396825

_____ -0.000016171878979

_____ 0.049247266313933

_____ 8.890666666666666

_____ -0.002086275864054

_____ -1.480000000000000

_____ -11.399999999999999

_____ 0.001103767249799

_____ -0.000342821842081

_____ 12.426666666666668

_____ 4.502857142857143

_____ 5.359999999999999

_____ -10.620000000000001

_____ -0.000000310647829

E08 — ANN0001 — CCI

Aluno: ROBSON BERTHELSEN Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$$p(x) = a_0 + a_1(x-x_0) + a_2(x-x_0)(x-x_1) + a_3(x-x_0)(x-x_1)(x-x_2) + \cdots + a_{20}(x-x_0)(x-x_1)(x-x_2)\cdots(x-x_{19})$$

que passa pela seguinte lista de 21 pontos

$(-5.0, -3.74)$, $(-4.5, -1.12)$, $(-4.0, -4.95)$, $(-3.5, 0.63)$, $(-3.0, -1.09)$, $(-2.5, -4.4)$, $(-2.0, 2.28)$, $(-1.5, 2.48)$, $(-1.0, 3.09)$, $(-0.5, 4.36)$, $(0.0, 4.89)$, $(0.5, -4.12)$, $(1.0, -4.16)$, $(1.5, 0.25)$, $(2.0, -3.61)$, $(2.5, 2.36)$, $(3.0, -0.67)$, $(3.5, 1.42)$, $(4.0, -2.23)$, $(4.5, 2.23)$, $(5.0, 4.9)$

_____ -21.713333333333331

_____ 0.002244868124233

_____ 14.663999999999998

_____ -0.095861471861472

_____ -0.448634920634921

_____ -3.740000000000000

_____ 0.245657848324515

_____ 0.000141115932862

_____ 0.308126984126984

_____ -0.008563998963999

_____ -0.000570823133363

_____ 5.240000000000000

_____ 1.375746031746032

_____ 0.030532456843568

_____ 21.146666666666665

_____ -6.359111111111111

_____ -0.000033026531975

_____ 0.000000208843058

_____ 0.000007057281292

_____ -12.900000000000000

_____ -0.000001326810618

E08 — ANN0001 — CCI

Aluno: THIAGO BRANDENBURG Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$$p(x) = a_0+a_1(x-x_0)+a_2(x-x_0)(x-x_1)+a_3(x-x_0)(x-x_1)(x-x_2)+\cdots+a_{20}(x-x_0)(x-x_1)(x-x_2)\cdots(x-x_{19})$$

que passa pela seguinte lista de 21 pontos

$(-5.0, 0.3)$, $(-4.5, 4.57)$, $(-4.0, -2.45)$, $(-3.5, -4.28)$, $(-3.0, -0.35)$, $(-2.5, 3.38)$, $(-2.0, -0.73)$, $(-1.5, 1.66)$, $(-1.0, -2.52)$, $(-0.5, -0.6)$, $(0.0, -0.14)$, $(0.5, -3.04)$, $(1.0, 3.55)$, $(1.5, 2.06)$, $(2.0, -3.21)$, $(2.5, 1.89)$, $(3.0, 2.76)$, $(3.5, -0.65)$, $(4.0, 3.71)$, $(4.5, -0.83)$, $(5.0, -3.75)$

_____ 0.539894179894180

_____ −0.000001905124522

_____ −0.402666666666667

_____ −0.044454705788039

_____ 0.000000090475359

_____ 0.124261792528459

_____ 0.000788754024733

_____ 0.000021251343554

_____ 2.501333333333334

_____ 8.540000000000001

_____ −10.606666666666667

_____ −22.580000000000002

_____ 0.013551222440111

_____ 21.973333333333333

_____ −0.000146350001165

_____ −0.289904761904762

_____ 0.300000000000000

_____ −0.000000097058819

_____ 0.592761904761905

_____ −0.731428571428571

_____ −0.003541492252603

E08 — ANN0001 — CCI

Aluno: THIAGO PIMENTA BARROS SILVA Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$$p(x) = a_0+a_1(x-x_0)+a_2(x-x_0)(x-x_1)+a_3(x-x_0)(x-x_1)(x-x_2)+\cdots+a_{20}(x-x_0)(x-x_1)(x-x_2)\cdots(x-x_{19})$$

que passa pela seguinte lista de 21 pontos

$(-5.0,-0.51)$, $(-4.5,0.13)$, $(-4.0,-0.89)$, $(-3.5,1.65)$, $(-3.0,3.3)$, $(-2.5,-1.63)$, $(-2.0,2.54)$, $(-1.5,-4.43)$, $(-1.0,3.58)$, $(-0.5,1.55)$, $(0.0,4.18)$, $(0.5,-1.14)$, $(1.0,2.3)$, $(1.5,4.52)$, $(2.0,-2.91)$, $(2.5,-0.2)$, $(3.0,-0.7)$, $(3.5,-3.74)$, $(4.0,1.73)$, $(4.5,-2.3)$, $(5.0,-0.57)$

_____ -1.202638447971781

_____ -0.510000000000000

_____ 0.000020733722083

_____ 0.586576366843033

_____ -6.446666666666667

_____ 0.000000631996529

_____ 1.260444444444444

_____ 0.086187846721180

_____ 6.960000000000001

_____ -0.027210057432280

_____ 0.000473649431110

_____ 1.280000000000000

_____ -0.000103383600526

_____ -0.000003801470002

_____ 1.990793650793651

_____ 2.248000000000000

_____ -0.001996867987979

_____ -0.241494051627385

_____ 0.007724933032870

_____ -3.320000000000000

_____ -2.389333333333333

E08 — ANN0001 — CCI

Aluno: VINICIUS GASPARINI Submeter até: 16/10/2019 23:59hs

Q1 Encontre os coeficientes do polinômio de grau 20

$p(x) = a_0 + a_1(x - x_0) + a_2(x - x_0)(x - x_1) + a_3(x - x_0)(x - x_1)(x - x_2) + \cdots + a_{20}(x - x_0)(x - x_1)(x - x_2)\cdots(x - x_{19})$

que passa pela seguinte lista de 21 pontos

$(-5.0, -1.82)$, $(-4.5, -1.44)$, $(-4.0, -0.99)$, $(-3.5, -4.09)$, $(-3.0, -4.49)$, $(-2.5, -0.28)$, $(-2.0, -3.37)$, $(-1.5, 3.23)$, $(-1.0, -2.93)$, $(-0.5, 0.68)$, $(0.0, -2.12)$, $(0.5, -3.54)$, $(1.0, 0.74)$, $(1.5, -0.21)$, $(2.0, -0.91)$, $(2.5, -2.3)$, $(3.0, 0.19)$, $(3.5, 0.52)$, $(4.0, -1.76)$, $(4.5, 0.98)$, $(5.0, 2.07)$

_____ 0.420444444444444

_____ −0.006511391959011

_____ 0.760000000000000

_____ 6.579999999999999

_____ 0.899908289241623

_____ 0.199141382074715

_____ 0.000070461775087

_____ 1.205587301587302

_____ −3.789333333333333

_____ 0.000001877817391

_____ −0.000012292379971

_____ −0.000358033344277

_____ −4.826666666666666

_____ −1.337968253968254

_____ −0.000000243285917

_____ −0.465489947089947

_____ 0.140000000000000

_____ −1.820000000000000

_____ 0.023211224989003

_____ 0.001618960369437

_____ −0.072851777029555