disp('Grupo 5')

Grupo 5

disp('NRC: 7543')

NRC: 7543

date

ans =

'08-Jan-2022'

clock

ans =

1.0e+03 \*

Columns 1 through 4

2.022000000000000 0.001000000000000 0.008000000000000 0.022000000000000

Columns 5 through 6

0.018000000000000 0.009923000000000

clc

data1 = readtable('C:\Users\ismae\OneDrive\Escritorio\Ejercicio1.csv');

[Warning: Column headers from the file were modified to make them valid MATLAB

identifiers before creating variable names for the table. The original column

headers are saved in the VariableDescriptions property.

Set 'PreserveVariableNames' to true to use the original column headers as table

variable names.]

data1

data1 =

47×4 <a href="matlab:helpPopup table" style="font-weight:bold">table</a>

<strong>Diametro\_mm\_</strong> <strong>Seccion\_mm2\_</strong> <strong>Capacidad\_A\_</strong> <strong>Resistencia\_O\_Km\_\_</strong>

<strong>\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong>

0.05 0 0.01 8500

0.06 0 0.01 6800

0.07 0 0.01 4250

0.08 0.01 0.01 3400

0.09 0.01 0.02 2696

0.1 0.01 0.02 2152

0.11 100 0.03 1700

0.13 0.01 0.04 1338

0.14 0.02 0.05 1069

0.16 0.02 0.06 845.8

0.18 0.03 0.07 669.3

0.2 0.03 0.09 531.2

0.23 0.04 0.11 425

0.25 0.05 0.15 333.3

0.29 0.06 0.18 265.6

0.32 0.08 0.23 212.5

0.36 0.1 0.29 170

0.4 0.13 0.37 130.7

0.45 0.16 0.46 106.2

0.51 0.2 0.58 85

0.57 0.26 0.73 56.4

0.64 0.33 0.92 51.5

0.72 0.41 1.2 41.46

0.81 0.52 1.6 32.69

0.91 0.65 2 26.15

1.02 0.82 2.5 20.73

1.15 1.04 3.2 16.34

1.29 1.31 3.7 12.9

1.45 1.65 4.8 10.3

1.63 2.08 6 8.17

1.83 2.63 7.5 6.49

2.05 3.31 9.5 5.13

2.31 4.17 12 4.07

2.59 5.26 15 3.23

2.91 6.63 19 2.56

3.26 8.36 24 2.03

3.67 10.55 30 1.7

4.12 13.3 38 1.27

4.62 16.77 48 1.01

5.19 21.15 60 0.8

5.83 26.67 78 1.63

6.54 33.63 96 1.5

7.35 42.41 120 1.4

8.25 53.48 150 0.32

9.23 67.43 190 0.25

10.4 85.3 240 0.2

11.86 107.2 319 0.16

data = readtable('C:\Users\ismae\OneDrive\Escritorio\Ejercicio.csv');

[Warning: Column headers from the file were modified to make them valid MATLAB

identifiers before creating variable names for the table. The original column

headers are saved in the VariableDescriptions property.

Set 'PreserveVariableNames' to true to use the original column headers as table

variable names.]

data = data{:,:};

m = [data(:,1) data(:,4)]

m =

1.0e+03 \*

0.000050000000000 8.500000000000000

0.000510000000000 0.085000000000000

0.001020000000000 0.020730000000000

0.002050000000000 0.005130000000000

0.002910000000000 0.002560000000000

0.003670000000000 0.001700000000000

0.004620000000000 0.001010000000000

0.005830000000000 0.001630000000000

0.006540000000000 0.001500000000000

0.007350000000000 0.001400000000000

0.008250000000000 0.000320000000000

0.009230000000000 0.000250000000000

0.010400000000000 0.000200000000000

0.011860000000000 0.000160000000000

[Pn,Rt] = fnwt(m',4)

<strong>x</strong> <strong>y</strong> <strong>Δ1</strong> <strong>Δ2</strong> <strong>Δ3</strong> <strong>Δ4</strong> <strong>Δ5</strong> <strong>Δ6</strong> <strong>Δ7</strong> <strong>Δ8</strong> <strong>Δ9</strong> <strong>Δ10</strong> <strong>Δ11</strong> <strong>Δ12</strong> <strong>Δ13</strong>

<strong>\_\_\_\_\_</strong> <strong>\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong>

<strong>0 </strong> 0.05 8500 -18293.4782608696 18729.338817553 -9328.67136436899 3252.22138662974 -896.189960139518 195.700450475408 -33.8006501107538 5.1996773252748 -0.711130080924472 0.0865694744378037 -0.00940959361620985 0.000906410125433632 -7.6416746691535e-05

<strong>1 </strong> 0.51 85 -126.019607843137 71.9960888150494 -27.3181986079157 8.01373092468995 -1.83890146690556 0.332692835250391 -0.0547442697203731 0.00842773452615483 -0.00126039053448169 0.000189405040997335 -2.82488179717584e-05 3.92834700660379e-06 0

<strong>2 </strong> 1.02 20.73 -15.1456310679612 6.43241215605181 -1.99480888589543 0.455845895708085 -0.0689755833734811 0.00258488883654139 0.00290143443852594 -0.00132768821073347 0.000391221423015069 -8.9975768743356e-05 1.63379205531946e-05 0 0

<strong>3 </strong> 2.05 5.13 -2.98837209302325 1.14616860842891 -0.353763661346326 0.124073339681641 -0.0547069969957726 0.0209509688324106 -0.00669775132507701 0.00188423967222025 -0.00045275128779761 8.71272900532731e-05 0 0 0

<strong>4 </strong> 2.91 2.56 -1.13157894736842 0.236995998768852 0.115233562650279 -0.121561076829378 0.0563331378160036 -0.0205750893830669 0.00683108952146438 -0.0018962335808898 0.000401967427624999 0 0 0 0

<strong>5 </strong> 3.67 1.7 -0.726315789473684 0.573478001707667 -0.326033146240362 0.128558055073678 -0.0535378394895735 0.022597396392588 -0.00737169999940019 0.00170137489635395 0 0 0 0 0

<strong>6 </strong> 4.62 1.01 0.512396694214876 -0.362237128002173 0.147060496430774 -0.116645249788568 0.072103684453216 -0.0270141446033752 0.00656256040173863 0 0 0 0 0 0

<strong>7 </strong> 5.83 1.63 -0.183098591549296 0.0392380272538412 -0.276361760301728 0.215752735540758 -0.0840380713542929 0.0204987927052125 0 0 0 0 0 0 0

<strong>8 </strong> 6.54 1.5 -0.123456790123457 -0.629557432676341 0.457197540536848 -0.168301250548361 0.0395696486581383 0 0 0 0 0 0 0 0

<strong>9 </strong> 7.35 1.4 -1.2 0.600303951367781 -0.192445286579825 0.0422092803129351 0 0 0 0 0 0 0 0 0

<strong>10</strong> 8.25 0.32 -0.0714285714285714 0.0133458272993157 -0.00208143236848742 0 0 0 0 0 0 0 0 0 0

<strong>11</strong> 9.23 0.25 -0.0427350427350427 0.00583185644907609 0 0 0 0 0 0 0 0 0 0 0

<strong>12</strong> 10.4 0.2 -0.0273972602739726 0 0 0 0 0 0 0 0 0 0 0 0

<strong>13</strong> 11.86 0.16 0 0 0 0 0 0 0 0 0 0 0 0 0

Elapsed time is 1.216647 seconds.

Pn =

-4.70732441590063891553594823077

Rt =

"0.044237334612086814618859933885248%"

data1 = data1{:,:};

scatter(data1(:,1),data1(:,4))

legend('Pn(x)','Clusters','Pn(4)','Puntos')

xlabel('Distancia')

ylabel('Resistencia')

disp('Aqui va la figura 1')

Aqui va la figura 1

Gráfico, Gráfico de líneas

Descripción generada automáticamente

data2 = readtable('C:\Users\ismae\OneDrive\Escritorio\Ejercicio2.csv');

[Warning: Column headers from the file were modified to make them valid MATLAB

identifiers before creating variable names for the table. The original column

headers are saved in the VariableDescriptions property.

Set 'PreserveVariableNames' to true to use the original column headers as table

variable names.]

data2 = data2{:,:};

data2

data2 =

1.0e+03 \*

0 8.500000000000000

0.001040000000000 0.016340000000000

0.003310000000000 0.005130000000000

0.005260000000000 0.003230000000000

0.008360000000000 0.002030000000000

0.010550000000000 0.001700000000000

0.013300000000000 0.001270000000000

0.016770000000000 0.001010000000000

0.021150000000000 0.000800000000000

0.026670000000000 0.001630000000000

0.033630000000000 0.001500000000000

0.042410000000000 0.001400000000000

0.053480000000000 0.000320000000000

0.067430000000000 0.000250000000000

0.085300000000000 0.000200000000000

0.107200000000000 0.000160000000000

[Pn,Rt] = fnwt(data2',4)

<strong>x</strong> <strong>y</strong> <strong>Δ1</strong> <strong>Δ2</strong> <strong>Δ3</strong> <strong>Δ4</strong> <strong>Δ5</strong> <strong>Δ6</strong> <strong>Δ7</strong> <strong>Δ8</strong> <strong>Δ9</strong> <strong>Δ10</strong> <strong>Δ11</strong> <strong>Δ12</strong> <strong>Δ13</strong> <strong>Δ14</strong> <strong>Δ15</strong>

<strong>\_\_\_\_\_</strong> <strong>\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong>

<strong>0 </strong> 0 8500 -8157.36538461538 2462.96889988646 -468.066458404846 55.975361407285 -5.30469936198559 0.398786016329654 -0.0237764592058149 0.00112404443328679 -4.2141672200209e-05 1.25296839204567e-06 -2.95413844272584e-08 5.5233471668033e-10 -8.19060736319521e-12 9.60147999039386e-14 -8.95608850995203e-16

<strong>1 </strong> 1.04 16.34 -4.93832599118943 0.939328676974041 -0.112437039943556 0.0107831383370007 -0.00084534480118492 5.47954481377808e-05 -2.91944179925577e-06 1.2603570721926e-07 -4.34517571298632e-09 1.18278485646881e-10 -2.52377919431723e-12 4.20621800772878e-14 -5.44931389246424e-16 5.53107725277533e-18 0

<strong>2 </strong> 3.31 5.13 -0.974358974358974 0.116289544587213 -0.00988939435867889 0.000419211074473598 1.65875980223723e-05 -3.91452644525279e-06 3.10853376773856e-07 -1.55735692669644e-08 5.4800523822513e-10 -1.40684953031147e-11 2.68728941013909e-13 -3.85373878061591e-15 4.22477719082051e-17 0 0

<strong>3 </strong> 5.26 3.23 -0.387096774193548 0.0446903294303779 -0.00570147572468765 0.000642480143854728 -5.32475537609376e-05 3.34700843618449e-06 -1.61337243400505e-07 5.85343554763815e-09 -1.57811171132137e-10 3.16240439469708e-12 -4.72391016087895e-14 5.35382242927521e-16 0 0 0

<strong>4 </strong> 8.36 2.03 -0.150684931506849 -0.00114953539611076 0.00169347073108027 -0.000203623485406569 1.84118968577724e-05 -1.23012915908784e-06 5.61178871942519e-08 -1.75621912435348e-09 3.87955100861811e-11 -6.18613298070429e-13 7.33776423524199e-15 0 0 0 0

<strong>5 </strong> 10.55 1.7 -0.156363636363636 0.0130925534522743 -0.000910873647269748 0.000133498346059244 -1.26734669923774e-05 6.80684899876431e-07 -2.3122719696577e-08 5.35431656437241e-10 -8.8005970673577e-12 1.06651318940889e-13 0 0 0 0 0

<strong>6 </strong> 13.3 1.27 -0.0749279538904899 0.00343729279121502 0.00124111969120527 -0.000159005272124826 9.01315391768571e-06 -3.11973456697619e-07 7.33263292157332e-09 -1.22412974347747e-10 1.50725290827925e-12 0 0 0 0 0 0

<strong>7 </strong> 16.77 1.01 -0.0479452054794521 0.0200310630626295 -0.00199145749109244 0.000103367638419005 -3.52193957242461e-06 8.4941963347145e-08 -1.48110123146445e-09 1.91180737396745e-11 0 0 0 0 0 0 0

<strong>8 </strong> 21.15 0.8 0.15036231884058 -0.0135449102371891 0.000658888757970852 -2.59227632847024e-05 7.81220290741751e-07 -1.65579040451141e-08 2.47746176814313e-10 0 0 0 0 0 0 0 0

<strong>9 </strong> 26.67 1.63 -0.0186781609195402 0.000463064757271225 -0.000179194179023577 1.02321117708258e-05 -2.80969253752318e-07 4.76065446975754e-09 0 0 0 0 0 0 0 0 0

<strong>10</strong> 33.63 1.5 -0.0113895216400911 -0.00434113118235088 0.000237866696755284 -6.24111557667258e-06 1.02406250697256e-07 0 0 0 0 0 0 0 0 0 0

<strong>11</strong> 42.41 1.4 -0.0975609756097561 0.00369876316797772 -8.46117450913878e-05 1.29291228712457e-06 0 0 0 0 0 0 0 0 0 0 0

<strong>12</strong> 53.48 0.32 -0.0050179211469534 6.97654210081e-05 -8.43958008587221e-07 0 0 0 0 0 0 0 0 0 0 0 0

<strong>13</strong> 67.43 0.25 -0.00279798545047566 2.44279967867945e-05 0 0 0 0 0 0 0 0 0 0 0 0 0

<strong>14</strong> 85.3 0.2 -0.00182648401826484 0 0 0 0 0 0 0 0 0 0 0 0 0 0

<strong>15</strong> 107.2 0.16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Elapsed time is 1.659940 seconds.

Pn =

95.331044302117236711651781590951

Rt =

"1.4948292532118791462571%"

xlabel('Seccion')

ylabel('Resistencia')

scatter(data1(:,2),data1(:,4))

legend('Pn(x)','Clusters','Pn(4)','Puntos')

disp('Aqui va la figura 2')

Aqui va la figura 2

Gráfico, Gráfico de líneas

Descripción generada automáticamente

data3 = readtable('C:\Users\ismae\OneDrive\Escritorio\Ejercicio3.csv');

[Warning: Column headers from the file were modified to make them valid MATLAB

identifiers before creating variable names for the table. The original column

headers are saved in the VariableDescriptions property.

Set 'PreserveVariableNames' to true to use the original column headers as table

variable names.]

data3

data3 =

15×2 <a href="matlab:helpPopup table" style="font-weight:bold">table</a>

<strong>Capacidad\_A\_</strong> <strong>Resistencia\_O\_Km\_\_</strong>

<strong>\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong>

0.73 56.4

9.5 5.13

19 2.56

24 2.03

30 1.7

38 1.27

48 1.01

60 0.8

78 1.63

96 1.5

120 1.4

150 0.32

190 0.25

240 0.2

319 0.16

data3 = data3{:,:};

data3

data3 =

1.0e+02 \*

0.007300000000000 0.564000000000000

0.095000000000000 0.051300000000000

0.190000000000000 0.025600000000000

0.240000000000000 0.020300000000000

0.300000000000000 0.017000000000000

0.380000000000000 0.012700000000000

0.480000000000000 0.010100000000000

0.600000000000000 0.008000000000000

0.780000000000000 0.016300000000000

0.960000000000000 0.015000000000000

1.200000000000000 0.014000000000000

1.500000000000000 0.003200000000000

1.900000000000000 0.002500000000000

2.400000000000000 0.002000000000000

3.190000000000000 0.001600000000000

[Pn,Rt] = fnwt(data3',23)

<strong>x</strong> <strong>y</strong> <strong>Δ1</strong> <strong>Δ2</strong> <strong>Δ3</strong> <strong>Δ4</strong> <strong>Δ5</strong> <strong>Δ6</strong> <strong>Δ7</strong> <strong>Δ8</strong> <strong>Δ9</strong> <strong>Δ10</strong> <strong>Δ11</strong> <strong>Δ12</strong> <strong>Δ13</strong> <strong>Δ14</strong>

<strong>\_\_\_\_</strong> <strong>\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong> <strong>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</strong>

<strong>0 </strong> 0.73 56.4 -5.8460661345496 0.305174593254523 -0.0126268994751303 0.000420210755053115 -1.11919146060034e-05 2.40750031681834e-07 -4.23151027199988e-09 5.79482844076581e-11 -6.51903860240461e-13 5.89036312647643e-15 -4.25292428331058e-17 2.40939322598241e-19 -1.07197329772879e-21 3.54547978965728e-24

<strong>1 </strong> 9.5 5.13 -0.270526315789474 0.0113466424682396 -0.000327330674725654 3.08809768736751e-06 1.88339391596862e-07 -1.00515821395989e-08 2.46153664179866e-10 -4.15859635745058e-12 5.06397498543829e-14 -4.57976951221275e-16 3.07334275506326e-18 -1.55517283493258e-20 5.64465549254344e-23 0

<strong>2 </strong> 19 2.56 -0.106 0.00463636363636364 -0.000239319890635681 1.03391642638467e-05 -3.19265506452882e-07 6.80994385672194e-09 -1.13564920739609e-10 1.43709600145873e-12 -1.37060117922062e-14 9.67614160676436e-17 -5.11330629456344e-19 1.91848040009612e-21 0 0

<strong>3 </strong> 24 2.03 -0.055 8.92857142857129e-05 6.0515873015873e-05 -2.7507215007215e-06 8.25211810937119e-08 -1.93455504022796e-09 3.15817754077229e-11 -3.5839154332028e-13 2.84019035536085e-15 -1.62426530422085e-17 6.42134905724905e-20 0 0 0

<strong>4 </strong> 30 1.7 -0.05375 0.00154166666666667 -3.8510101010101e-05 1.70542227833894e-06 -5.67667818027013e-08 1.09729539891343e-09 -1.35755590506324e-11 1.13080055669622e-13 -6.68222701756183e-16 2.70032667667619e-18 0 0 0 0

<strong>5 </strong> 38 1.27 -0.026 0.000386363636363637 4.33501683501683e-05 -2.04118532063934e-06 4.19898040995076e-08 -5.31771687162452e-10 4.51724985650714e-12 -2.72467116991763e-14 1.12171707803237e-16 0 0 0 0 0

<strong>6 </strong> 48 1.01 -0.0175 0.00212037037037037 -7.50385802469136e-05 1.40197861552028e-06 -1.7568624862687e-08 1.54850291026634e-10 -9.86585906726477e-13 4.27353819353323e-15 0 0 0 0 0 0

<strong>7 </strong> 60 0.8 0.0461111111111111 -0.00148148148148148 2.59038800705467e-05 -3.90021120473795e-07 4.42011646309494e-09 -3.45742030648501e-11 1.71542943721028e-13 0 0 0 0 0 0 0

<strong>8 </strong> 78 1.63 -0.00722222222222222 7.27513227513225e-05 -9.19802077209484e-06 1.84594019728546e-07 -1.80324008857808e-09 9.85541935889619e-12 0 0 0 0 0 0 0 0

<strong>9 </strong> 96 1.5 -0.00416666666666667 -0.000589506172839506 1.14765094375023e-05 -1.07530874621103e-07 5.71915976915899e-10 0 0 0 0 0 0 0 0 0

<strong>10</strong> 120 1.4 -0.036 0.000489285714285714 -4.00793650793651e-06 2.00063882311423e-08 0 0 0 0 0 0 0 0 0 0

<strong>11</strong> 150 0.32 -0.00175 8.33333333333334e-06 -2.66652499391795e-08 0 0 0 0 0 0 0 0 0 0 0

<strong>12</strong> 190 0.25 -0.001 3.82690609361201e-06 0 0 0 0 0 0 0 0 0 0 0 0

<strong>13</strong> 240 0.2 -0.000506329113924051 0 0 0 0 0 0 0 0 0 0 0 0 0

<strong>14</strong> 319 0.16 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Elapsed time is 1.394491 seconds.

Pn =

2.10807980132871231561086769375

Rt =

"2.9888652858761%"

xlabel('Capacidad')

ylabel('Resistencia')

scatter(data1(:,2),data1(:,4))

legend('Pn(x)','Clusters','Pn(23)','Puntos')

disp('Aqui va la figura 3')

Aqui va la figura 3

Gráfico, Gráfico de líneas

Descripción generada automáticamente

diary off