

Exercício 2.5.1

a) {34, 29, 26, 37, 31} => {26, 29, 31, 34, 37}

x_mod	x_med	x_m	dx_m	sig_x
	31	31.4	3.28	3.83

b) {34, 29, 26, 37, 31, 34} => {26, 29, 31, 34, 34, 37}

x_mod	x_med	x_m	dx_m	sig_x
34	32.5	31.83	3.17	3.62

c) {5, 8, 12, 3, 9} => {3, 5, 8, 9, 12}

x_mod	x_med	x_m	dx_m	sig_x
	8	7.4	2.72	3.14

d) {3, 6, 4, 7, 9, 8} => {3, 4, 6, 7, 8, 9}

x_mod	x_med	x_m	dx_m	sig_x
	6.5	6.17	1.83	2.11

e) {14, 19, 16, 21, 18, 19, 24, 15, 19} =>

{14, 15, 16, 18, 19, 19, 19, 21, 24}

x_mod	x_med	x_m	dx_m	sig_x
19	19	18.33	2.30	2.91

f) {6, 7, 7, 3, 8, 5, 3, 9} => {3, 3, 5, 6, 7, 7, 8, 9}

x_mod	x_med	x_m	dx_m	sig_x
3 e 7	6.5	6.0	1.75	2.06

g) {500, 600, 800, 800, 500, 900, 900, 900, 900, 1100} =>

{500, 500, 600, 800, 800, 900, 900, 900, 900, 1100}

x_mod	x_med	x_m	dx_m	sig_x
900	850	790	154	186.82

Exercício 2.5.2

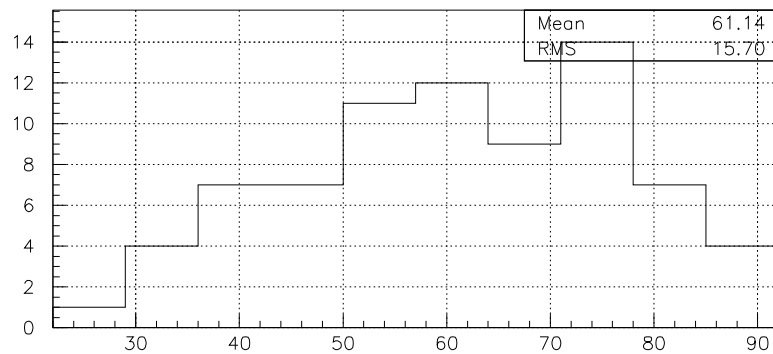
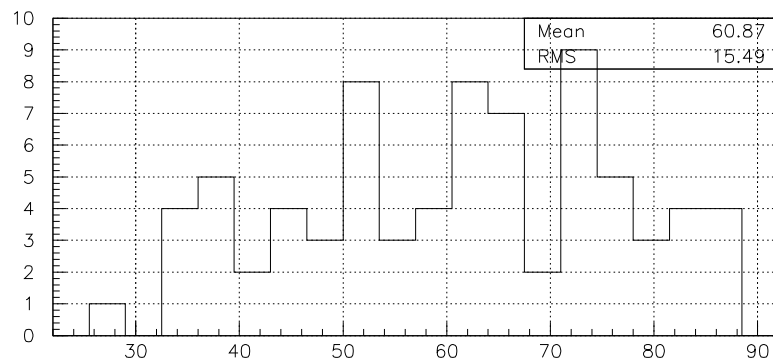
DADOS BRUTOS

94.	92.	78.	65.	66.	63.	53.	39.
86.	51.	74.	62.	60.	48.	38.	35.
84.	78.	75.	71.	73.	71.	41.	35.
87.	82.	76.	57.	61.	59.	49.	44.
73.	73.	72.	66.	51.	55.	35.	36.
88.	76.	64.	64.	76.	61.	34.	20.
82.	65.	70.	73.	61.	47.	52.	27.
92.	85.	72.	51.	70.	55.	43.	38.
84.	67.	75.	50.	63.	55.	43.	38.
81.	61.	62.	58.	52.	40.	44.	52.

DADOS ORDENADOS

20.	27.	34.	35.	35.	35.	36.	38.
38.	38.	39.	40.	41.	43.	43.	44.
44.	47.	48.	49.	50.	51.	51.	51.
52.	52.	52.	53.	55.	55.	55.	57.
58.	59.	60.	61.	61.	61.	61.	62.
62.	63.	63.	64.	64.	65.	65.	66.
66.	67.	70.	70.	71.	71.	72.	72.
73.	73.	73.	73.	74.	75.	75.	76.
76.	76.	78.	78.	81.	82.	82.	84.
84.	85.	86.	87.	88.	92.	92.	94.

n	x_med	x_m	dx_m	sig_x
80.	62.	61.24	13.98	16.89



Exercício 2.5.3

a)

DADOS BRUTOS

18.	21.	23.	25.	18.	18.	21.	19.
22.	19.	21.	20.	17.	21.	24.	24.
20.	21.	18.	25.	21.	17.	22.	19.

DADOS ORDENADOS

17.	17.	18.	18.	18.	18.	19.	19.
19.	20.	20.	21.	21.	21.	21.	21.
21.	22.	22.	23.	24.	24.	25.	25.

x_mod	x_med	x_m	dx_m	sig_x
21.	21.	20.58	1.95	2.36

b)

DADOS BRUTOS

18.	21.	23.	25.	18.	18.	21.	19.
22.	19.	21.	20.	17.	21.	24.	24.
20.	21.	18.	25.	21.	17.	22.	19.
50.							

DADOS ORDENADOS

17.	17.	18.	18.	18.	18.	19.	19.
19.	20.	20.	21.	21.	21.	21.	21.
21.	22.	22.	23.	24.	24.	25.	25.
50.							

x_mod	x_med	x_m	dx_m	sig_x
21.	21.	21.76	3.27	6.21

Exercício 2.5.4

12 DADOS

x	42.	57.	15.	74.	23.	20.	5.	60.	11.	12.	45.	75.
y	75.	70.	40.	56.	50.	61.	42.	54.	32.	55.	76.	60.
x_m		sig_xx		sig_x								
36.6		593.58		24.36								
y_m		sig_yy		sig_y								
55.92		172.24		13.12								
sig_xy		r										
174.05		0.5443										

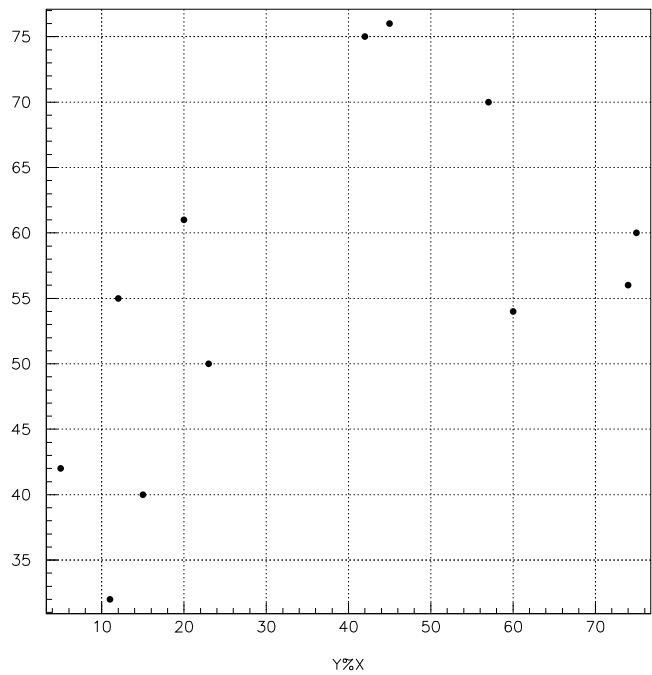


Diagrama de dispersão

Exercício 2-5-5a

6 DADOS

x	10.	20.	30.	40.	50.	60.
y	21.	13.	10.	8.	7.	5.9
x_m		sig_xx		sig_x		
35.0		291.67		17.08		
y_m		sig_yy		sig_y		
10.82		25.97		5.10		
sig_xy		r				
-79.58		-0.9144				

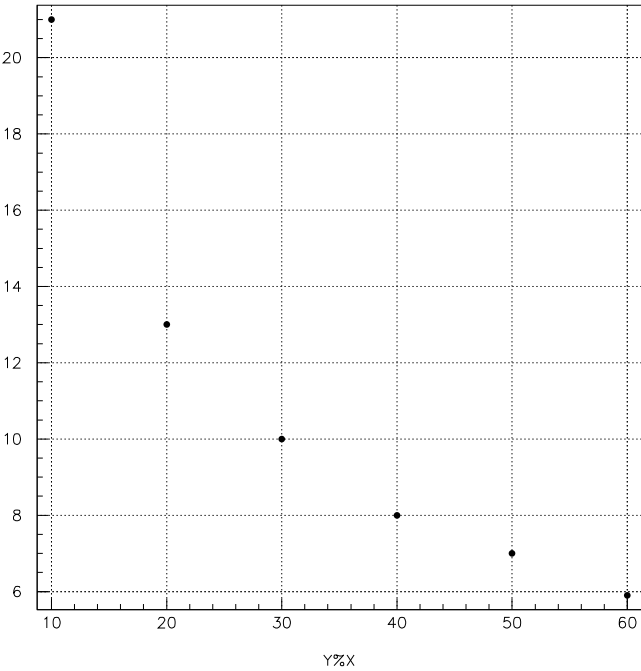


Diagrama de dispersão

Exercício 2-5-5b

8 DADOS

x	70.	80.	90.	100.	110.	120.	130.	140.
y	6.3	6.9	7.6	8.3	9.0	9.9	10.8	11.8
x_m			sig_xx		sig_x			
105.0			525.00		22.91			
y_m			sig_yy		sig_y			
8.82			3.22		1.80			
sig_xy			r					
41.00			0.9965					

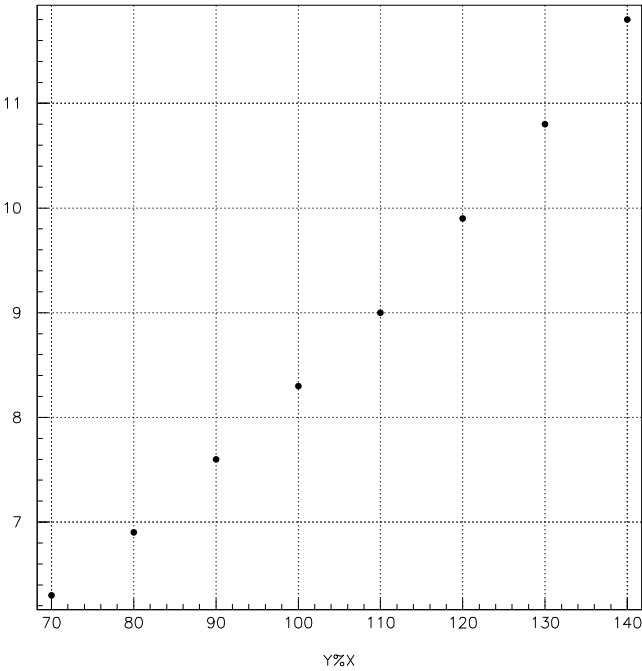


Diagrama de dispersão