

Matcher results handbook

Lecio Pery Junior

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Parte I

Warnings

Capítulo 1

Disclaimer

If you expect self indulgence, I already did on .tex files I generated. Here, I have a relevant warning: each chapter represents a set of experiments.

Due to that, inside the chapter you can find each experiment in a subsection where the false positive x false negative graphics for all its databases can be found, and the average between the databases.

Finally, the randomized vector and the graphic of each database performance **across** experiments marks the end of the chapter.

Capítulo 2

Motivations given by Lecio

2.1 Lazyness

I could lie to you and say it was just because nobody ever done before. No. That's a POSTUMOUS valid reason. It all started because my professor Zaghetto - peace be upon my prophet - asked me to do this stonemason work. I'd rather do the 3x harder thought task than the repetitive task of collecting all this data by hand and produce all these damn graphics.

2.2 Scalability

Then, after doing it with some automation, he liked the results. He wanted more complex tasks and started making more complex plans. It was the last straw. As more stonemason work he added, as more I made machines to operate them. Why playing an instrument when you can make a robot to do the music for you?

So automated ideas can be run more aggressively. I produced far more results with my lazyness than I would ever produce with my diligence, and I am not trying to sound edgy.

I just don't understand why people keep asking me all the time if I am high. Everywhere. Even my sister. Even my ***mother***.

Capítulo 3

1

As always, we have 4 databases. We are doing the experiment number1.
The vectors are: 10_0 14_ 18_ 8_10 2_8 17_.
8_4 5_4 7_8 19_ 8_8.
5_1 8_3 9_7 13_ 1_7.
3_1 8_1 1_5 7_1 10_.
15_ 19_ 12_ 9_10 1_8.
16_ 12_ 13_ 14_ 1_4.
10_ 6_2 14_ 19_ 20_.
7_10 2_4 7_7 11_ 20_.
3_4 1_3 19_ 13_ 1_9.
10_ 18_ 6_1 1_10 5_7.
8_2 6_6 7_3 13_ 18_.
9_5 5_5 13_ 18_ 15_.
2_3 20_ 11_ 16_ 19_.
16_0 1_2 5_2 3_5 20_.
5_8 19_ 7_4 11_ 11_.
2_1 4_6 11_ 10_.

Capítulo 4

2

We have done 4 databases.

The vectors are: 7_10 19_ 13_ 18_ 5_8 7_8.

1_7 6_1 20_ 13_ 1_9.

1_2 8_3 20_ 9_7 6_2.

5_4 2_1 10_ 8_4 19_.

1_4 11_ 13_ 9_10 10_.

1_8 4_6 16_ 14_ 7_4.

1_3 10_ 3_4 8_8 5_5.

14_ 7_3 1_5 16_ 11_.

2_3 20_ 1_10 3_1 6_6.

20_ 15_ 11_ 2_4 2_8.

8_2 11_ 18_ 10_ 19_.

5_1 18_ 13_ 5_2 10_0.

14_ 18_ 7_1 19_ 5_7.

16_0 7_7 8_10 13_ 8_1.

9_5 12_ 12_ 19_ 3_5.

15_ 17_ 11_ 19_.

Capítulo 5

3

Here will be presented 4 databases.

The vectors are: 16_ 13_ 9_ 5 8_ 3 10_ 9_ 10.

8_ 8 15_ 17_ 7_ 4 7_ 7.

1_ 3 14_ 3_ 1 13_ 7_ 3.

18_ 8_ 1 19_ 20_ 18_.

18_ 11_ 6_ 1 1_ 10 2_ 1.

6_ 2 7_ 8 1_ 5 16_ 5_ 7.

19_ 8_ 2 10_ 4_ 6 3_ 5.

1_ 2 5_ 1 11_ 10_ 20_.

13_ 11_ 16_ 0 5_ 4 1_ 8.

19_ 10_ 14_ 13_ 7_ 10.

12_ 3_ 4 13_ 1_ 4 11_.

2_ 3 19_ 14_ 2_ 4 1_ 9.

15_ 8_ 10 7_ 1 6_ 6 20_.

9_ 7 5_ 2 5_ 5 20_ 18_.

2_ 8 8_ 4 10_ 0 5_ 8 1_ 7.

19_ 19_ 12_ 11_.

Capítulo 6

4

As always, we have 4 databases. We are doing the experiment number4.
The vectors are: 5_1 1_4 20_1_3 20_6_2.
12_7_3 19_5_5 11_.
12_13_10_4_6 5_4.
7_1 19_11_7_8 6_6.
20_5_2 2_4 10_17_.
7_4 19_9_7 1_10 10_.
5_7 5_8 9_10 8_4 8_10.
8_3 13_13_8_8 1_2.
2_1 13_15_14_2_3.
7_10 8_1 3_5 20_16_.
13_1_7 8_2 18_2_8.
14_18_9_5 15_1_9.
18_7_7 3_1 11_18_.
19_16_19_16_0 14_.
1_8 11_10_6_1 11_.
1_5 10_0 19_3_4.

Capítulo 7

5

As always, we have 4 databases. We are doing the experiment number5.
The vectors are: 13_ 19_ 12_ 7_10 10_ 6_1.
7_3 18_ 7_8 1_9 5_8.
20_ 19_ 5_4 6_2 9_5.
10_0 16_ 3_1 9_10 13_.
1_2 19_ 11_ 1_5 9_7.
8_2 2_4 18_ 19_ 7_1.
14_ 11_ 1_3 8_3 10_.
5_5 18_ 1_8 13_ 15_.
2_8 5_1 20_ 13_ 7_7.
8_10 13_ 16_0 20_ 19_.
1_4 3_4 1_10 15_ 8_8.
12_ 6_6 11_ 3_5 17_.
19_ 5_2 1_7 10_ 11_.
8_4 7_4 14_ 18_ 4_6.
20_ 2_3 5_7 16_ 2_1.
8_1 11_ 14_ 10_.

Capítulo 8

6

Here will be presented 4 databases.

The vectors are: 7_8 7_4 7_1 15_ 6_1 19_.

15_ 3_4 16_0 5_5 14_.

6_2 2_8 18_ 7_10 14_.

1_7 20_ 12_ 13_ 4_6.

20_ 11_ 5_8 13_ 5_7.

2_3 13_ 13_ 1_4 1_9.

18_ 10_ 17_ 1_2 11_.

7_3 11_ 16_ 1_5 20_.

1_8 2_4 11_ 10_ 5_1.

8_8 3_1 7_7 6_6 8_4.

3_5 8_1 2_1 19_ 1_3.

10_ 8_2 19_ 9_5 10_0.

1_10 16_ 5_4 19_ 10_.

19_ 13_ 9_10 18_ 14_.

9_7 8_10 11_ 12_ 20_.

8_3 5_2 19_ 18_.

Capítulo 9

7

Here will be presented 4 databases.

The vectors are: 20_ 14_ 18_ 2_ 8 9_ 5 1_ 5.

16_ 5_ 2 1_ 7 7_ 10 14_.

11_ 8_ 4 1_ 2 9_ 7 10_.

8_ 8 3_ 1 9_ 10 13_ 8_ 1.

5_ 4 11_ 7_ 8 1_ 9 12_.

5_ 5 13_ 7_ 4 20_ 2_ 1.

6_ 1 15_ 4_ 6 15_ 8_ 10.

14_ 11_ 19_ 10_ 0 8_ 2.

20_ 7_ 7 2_ 3 10_ 11_.

2_ 4 19_ 18_ 1_ 3 7_ 3.

3_ 5 17_ 5_ 7 13_ 19_.

12_ 8_ 3 20_ 11_ 19_.

10_ 16_ 19_ 3_ 4 10_.

16_ 0 18_ 5_ 8 6_ 2 18_.

13_ 1_ 8 1_ 4 7_ 1 6_ 6.

13_ 1_ 10 5_ 1 19_.

Capítulo 10

8

Here will be presented 4 databases.

The vectors are: 3_5 11_ 18_ 2_1 1_2 10_.

7_3 11_ 9_7 5_2 7_7.

2_3 20_ 4_6 17_ 7_4.

20_ 1_10 8_1 16_ 6_6.

6_1 10_ 15_ 11_ 8_2.

15_ 1_3 10_0 7_10 18_.

8_10 1_4 18_ 8_4 2_4.

13_ 3_1 5_5 5_1 14_.

10_ 20_ 1_7 1_8 7_8.

13_ 5_7 5_4 8_8 5_8.

19_ 9_10 13_ 2_8 3_4.

11_ 20_ 10_ 14_ 14_.

19_ 1_5 19_ 18_ 19_.

19_ 16_ 19_ 12_ 12_.

9_5 6_2 8_3 13_ 16_0.

13_ 1_9 7_1 11_.

Capítulo 11

9

Here will be presented 4 databases.

The vectors are: 14_ 8_ 8 13_ 7_ 4 10_ 5_ 1.

16_ 18_ 1_ 4 17_ 1_ 7.

11_ 10_ 8_ 10 6_ 6 5_ 2.

5_ 8 7_ 3 16_ 0 19_ 7_ 1.

3_ 1 19_ 1_ 5 14_ 9_ 7.

13_ 12_ 18_ 1_ 2 1_ 10.

1_ 3 18_ 9_ 10 9_ 5 5_ 7.

14_ 20_ 18_ 13_ 19_.

10_ 0 3_ 4 11_ 7_ 8 19_.

2_ 8 6_ 1 20_ 11_ 16_.

3_ 5 20_ 10_ 15_ 11_.

7_ 10 10_ 20_ 2_ 1 7_ 7.

8_ 3 6_ 2 5_ 5 4_ 6 11_.

19_ 8_ 4 13_ 12_ 5_ 4.

15_ 2_ 4 1_ 9 2_ 3 8_ 2.

19_ 1_ 8 8_ 1 13_.

Capítulo 12

10

As always, we have 4 databases. We are doing the experiment number10.
The vectors are: 16_ 18_ 1_3 8_3 10_ 15_.
20_ 5_ 5_ 7 14_ 9_ 7.
1_2 10_ 13_ 9_10 18_.
5_1 19_ 8_4 14_ 13_.
1_9 7_8 16_ 7_3 7_10.
7_1 1_5 3_4 1_8 2_1.
5_8 15_ 11_ 1_4 3_5.
18_ 8_1 18_ 19_ 6_6.
19_ 3_1 1_7 12_ 19_.
19_ 1_10 20_ 2_8 4_6.
14_ 2_3 7_4 8_8 13_.
11_ 6_2 5_2 5_4 11_.
7_7 2_4 10_ 20_ 10_0.
12_ 13_ 8_10 17_ 8_2.
10_ 13_ 9_5 20_ 6_1.
11_ 11_ 16_0 19_.

Capítulo 13

11

Here will be presented 4 databases.

The vectors are: 19_2_4 19_1_5 19_5_5.

7_10 1_7 4_6 10_15_.

6_6 5_1 13_7_3 11_.

20_8_4 10_2_8 8_1.

3_4 19_5_2 8_2 18_.

10_0 12_5_4 14_18_.

1_10 15_11_1_8 3_5.

19_11_7_8 13_20_.

9_5 16_11_13_20_.

19_5_8 1_3 11_18_.

3_1 16_0 1_4 2_3 10_.

13_1_9 17_8_3 16_.

13_20_6_1 2_1 8_10.

8_8 7_1 12_7_4 14_.

1_2 5_7 7_7 18_10_.

9_10 6_2 14_9_7.

Capítulo 14

12

We have done 4 databases.

The vectors are: 9_7 10_5_8 11_19_1_10.

11_13_7_1 8_4 10_.

13_3_1 8_2 2_1 18_.

9_5 7_3 20_18_6_6.

13_19_9_10 10_1_5.

8_3 6_1 11_2_8 4_6.

7_4 14_8_8 10_1_2.

12_3_5 20_18_5_1.

2_4 6_2 14_17_20_.

3_4 13_8_10 20_16_.

1_4 5_2 11_2_3 1_9.

5_7 8_1 5_4 19_18_.

13_1_8 10_0 19_19_.

1_7 16_14_11_19_.

7_8 15_7_10 7_7 1_3.

15_12_5_5 16_0.

Capítulo 15

13

As always, we have 4 databases. We are doing the experiment number13.
The vectors are: 19_ 10_ 20_ 13_ 1_4 6_1.
18_ 20_ 6_2 19_ 1_7.
10_0 2_4 16_0 8_3 11_.
10_ 5_4 19_ 7_8 15_.
16_ 20_ 7_10 11_ 6_6.
19_ 12_ 11_ 12_ 11_.
19_ 19_ 8_1 5_5 5_8.
1_9 8_2 5_7 18_ 10_.
16_ 5_2 1_3 7_1 18_.
18_ 8_8 10_ 1_2 1_10.
2_3 13_ 2_8 8_10 13_.
9_7 3_1 9_5 1_5 14_.
11_ 7_7 4_6 3_5 8_4.
14_ 5_1 7_4 3_4 1_8.
20_ 9_10 14_ 13_ 7_3.
13_ 17_ 2_1 15_.

Capítulo 16

14

As always, we have 4 databases. We are doing the experiment number14.
The vectors are: 18_5_1 19_6_2 7_3 2_3.
8_10 7_4 20_19_5_2.
8_4 2_4 19_7_10 15_.
1_3 2_1 13_10_7_7.
11_19_8_3 1_7 13_.
18_2_8 5_5 14_7_1.
14_5_4 1_8 11_3_5.
1_2 17_18_10_18_.
5_8 13_8_1 10_20_.
1_10 19_13_16_0 13_.
16_8_8 8_2 4_6 7_8.
16_3_4 10_0 9_7 6_6.
11_11_15_3_1 12_.
11_20_19_20_1_4.
10_1_9 6_1 9_5 1_5.
9_10 5_7 12_14_.

Capítulo 17

15

As always, we have 4 databases. We are doing the experiment number15.
The vectors are: 18_ 15_ 13_ 15_ 7_10 10_0.
16_ 8_4 13_ 1_9 6_1.
1_5 18_ 8_1 11_ 6_2.
8_2 5_5 5_2 19_ 3_1.
20_ 8_8 16_ 2_1 14_.
5_8 13_ 9_5 1_2 7_8.
20_ 13_ 3_4 3_5 11_.
7_3 12_ 6_6 20_ 5_7.
16_0 7_7 9_7 2_3 1_8.
10_ 18_ 10_ 2_8 7_4.
5_4 11_ 20_ 18_ 7_1.
11_ 8_3 19_ 17_ 12_.
1_10 10_ 2_4 1_4 19_.
4_6 5_1 19_ 10_ 1_7.
14_ 9_10 13_ 8_10 19_.
14_ 19_ 1_3 11_.

Capítulo 18

16

Here will be presented 4 databases.

The vectors are: 1_8 3_1 6_2 2_4 19_ 14_.

13_ 1_2 8_10 1_5 20_.

7_3 19_ 15_ 18_ 16_.

10_ 12_ 9_7 5_8 5_2.

8_2 5_1 8_8 8_3 17_.

1_3 19_ 2_8 3_5 14_.

10_ 2_1 1_9 18_ 13_.

6_1 9_10 10_0 15_ 13_.

11_ 7_8 5_4 8_1 16_0.

12_ 13_ 19_ 20_ 16_.

8_4 4_6 11_ 11_ 7_1.

3_4 7_7 1_10 5_7 19_.

5_5 7_4 18_ 10_ 2_3.

18_ 20_ 11_ 13_ 11_.

19_ 6_6 14_ 20_ 1_7.

1_4 9_5 7_10 10_.

Capítulo 19

17

Here will be presented 4 databases.

The vectors are: 13_8_2 4_6 1_4 10_2_1.

2_8 5_7 12_19_3_5.

20_13_20_8_4 6_1.

18_14_13_20_10_.

11_7_1 7_10 16_8_8.

3_1 1_3 12_19_5_2.

9_7 19_3_4 17_14_.

10_0 19_7_4 16_0 1_10.

18_14_5_1 6_6 7_3.

7_8 5_5 11_18_1_5.

11_9_5 5_8 8_10 18_.

1_7 19_2_3 13_16_.

7_7 1_8 20_1_2 2_4.

10_8_1 13_15_15_.

1_9 10_5_4 6_2 9_10.

11_11_19_8_3.

Capítulo 20

18

Here will be presented 4 databases.

The vectors are: 1_9 10_ 17_ 10_ 13_ 16_.

10_0 3_1 19_ 20_ 2_4.

5_7 1_10 16_ 6_1 8_3.

2_8 13_ 4_6 3_5 7_1.

20_ 8_8 20_ 1_3 11_.

15_ 18_ 5_4 19_ 14_.

13_ 13_ 11_ 13_ 1_4.

1_2 6_2 19_ 12_ 9_7.

9_5 7_10 18_ 12_ 11_.

1_7 2_1 11_ 20_ 6_6.

15_ 10_ 19_ 5_5 8_2.

10_ 2_3 19_ 14_ 3_4.

7_7 16_0 11_ 1_5 8_4.

5_1 7_3 7_4 18_ 1_8.

9_10 7_8 5_2 18_ 8_1.

19_ 8_10 14_ 5_8.

Capítulo 21

19

Here will be presented 4 databases.

The vectors are: 20_ 5_ 1 5_ 4 3_ 4 1_ 7 14_.

6_ 1 19_ 20_ 10_ 10_.

17_ 19_ 13_ 2_ 4 10_ 0.

12_ 8_ 4 8_ 2 8_ 3 9_ 10.

16_ 19_ 1_ 10 13_ 7_ 7.

4_ 6 7_ 4 8_ 1 2_ 8 5_ 7.

7_ 3 19_ 14_ 2_ 3 19_.

1_ 8 1_ 9 9_ 7 10_ 3_ 5.

6_ 6 11_ 14_ 11_ 11_.

1_ 3 10_ 7_ 10 6_ 2 8_ 10.

18_ 1_ 2 13_ 1_ 5 16_ 0.

9_ 5 16_ 1_ 4 20_ 18_.

13_ 7_ 1 5_ 5 3_ 1 18_.

8_ 8 15_ 18_ 2_ 1 13_.

11_ 5_ 8 7_ 8 12_ 19_.

5_ 2 20_ 11_ 15_.

Capítulo 22

20

As always, we have 4 databases. We are doing the experiment number20.
The vectors are: 12_6_1 3_1 13_5_2 7_10.
20_4_6 7_1 11_13_.
9_7 13_8_10 2_1 14_.
11_14_8_8 13_5_1.
19_6_6 7_7 19_8_1.
10_1_9 2_4 16_0 8_3.
9_5 10_1_10 18_5_4.
16_7_4 5_7 13_16_.
14_8_4 7_8 18_2_3.
11_5_8 19_1_5 19_.
2_8 1_3 17_19_15_.
11_8_2 9_10 5_5 20_.
6_2 1_2 18_1_4 1_8.
15_20_7_3 3_5 20_.
12_10_0 18_10_11_.
3_4 1_7 19_10_.

Capítulo 23

21

Here will be presented 4 databases.

The vectors are: 8_3 19_6_2 11_16_9_10.

5_5 15_13_20_19_.

5_7 18_15_5_2 10_.

14_20_7_7 14_18_.

11_18_1_2 5_8 16_.

2_8 1_4 1_5 2_4 7_1.

11_9_5 5_4 10_4_6.

13_1_7 8_4 16_0 10_0.

7_8 20_6_1 1_9 14_.

1_10 8_10 18_2_3 13_.

13_5_1 9_7 10_6_6.

13_8_8 11_8_2 7_4.

19_2_1 8_1 7_10 19_.

1_3 3_1 3_4 19_10_.

7_3 17_12_11_3_5.

19_1_8 20_12_.

Capítulo 24

22

We have done 4 databases.

The vectors are: 13_ 15_ 20_ 14_ 2_3 9_5.

16_ 6_6 20_ 8_2 3_5.

8_3 7_7 11_ 14_ 19_.

9_10 8_1 13_ 1_4 11_.

1_5 5_8 1_2 18_ 20_.

19_ 18_ 19_ 16_ 12_.

5_1 2_1 1_8 5_5 11_.

17_ 11_ 8_4 6_1 10_.

10_0 15_ 13_ 3_1 18_.

1_9 16_0 10_ 10_ 19_.

19_ 13_ 7_4 8_8 7_8.

1_10 7_10 13_ 20_ 8_10.

3_4 6_2 14_ 7_3 7_1.

2_8 9_7 10_ 1_3 1_7.

5_2 2_4 18_ 4_6 5_7.

12_ 19_ 5_4 11_.

Capítulo 25

23

As always, we have 4 databases. We are doing the experiment number23.
The vectors are: 11_9_10 13_10_7_4 10_0.
7_7 17_19_19_11_.
1_5 19_19_2_3 18_.
5_4 5_5 7_3 11_2_1.
8_4 10_12_2_4 14_.
13_4_6 5_2 8_8 1_3.
18_19_7_1 15_12_.
10_20_1_10 1_4 16_0.
2_8 5_8 6_6 1_9 1_7.
3_5 20_18_13_11_.
8_2 13_6_2 8_10 1_2.
11_20_10_7_8 9_7.
18_6_1 13_20_19_.
8_1 1_8 14_16_9_5.
14_15_3_4 7_10 8_3.
16_5_1 5_7 3_1.

Capítulo 26

24

Here will be presented 4 databases.

The vectors are: 18_ 12_ 11_ 19_ 7_7 16_.

7_1 1_9 14_ 16_0 18_.

5_5 8_4 11_ 20_ 1_5.

5_7 15_ 12_ 5_1 9_5.

1_4 13_ 6_6 10_ 1_8.

11_ 15_ 2_8 8_3 5_4.

19_ 10_ 8_8 20_ 16_.

10_ 8_1 13_ 8_10 6_2.

3_4 17_ 19_ 11_ 7_10.

7_8 14_ 13_ 3_1 3_5.

4_6 11_ 13_ 2_4 5_8.

14_ 6_1 19_ 1_2 13_.

20_ 7_3 5_2 9_10 2_3.

1_7 9_7 20_ 8_2 7_4.

1_10 10_0 19_ 10_ 19_.

18_ 18_ 2_1 1_3.

Capítulo 27

25

Here will be presented 4 databases.

The vectors are: 7_4 4_6 19_ 15_ 8_4 17_.

1_3 2_1 19_ 18_ 8_2.

7_8 2_4 1_10 20_ 14_.

6_2 14_ 1_5 7_7 1_9.

1_7 7_1 12_ 7_3 3_1.

11_ 1_2 8_10 16_ 20_.

5_7 2_8 18_ 9_7 13_.

19_ 11_ 9_5 20_ 12_.

19_ 9_10 10_ 6_1 5_8.

19_ 10_0 20_ 19_ 15_.

14_ 1_4 13_ 8_1 5_1.

16_ 10_ 6_6 18_ 13_.

8_3 5_5 1_8 16_0 18_.

11_ 2_3 11_ 7_10 3_4.

10_ 5_4 3_5 5_2 11_.

13_ 10_ 13_ 8_8.

Capítulo 28

26

We have done 4 databases.

The vectors are: 11_ 15_ 6_ 2 1_ 7 11_ 16_.

1_ 2 3_ 1 20_ 19_ 18_.

2_ 4 20_ 1_ 4 15_ 11_.

19_ 7_ 1 12_ 10_ 18_.

5_ 4 6_ 1 1_ 3 10_ 20_.

7_ 3 2_ 1 18_ 17_ 19_.

3_ 4 7_ 10 4_ 6 8_ 4 11_.

8_ 3 7_ 8 8_ 1 8_ 10 14_.

13_ 16_ 0 11_ 2_ 8 10_.

8_ 8 1_ 5 5_ 5 9_ 5 19_.

20_ 1_ 10 9_ 10 2_ 3 14_.

18_ 12_ 5_ 8 1_ 9 5_ 2.

13_ 13_ 16_ 13_ 19_.

9_ 7 7_ 7 13_ 14_ 8_ 2.

10_ 10_ 0 7_ 4 3_ 5 5_ 1.

5_ 7 1_ 8 19_ 6_ 6.

Capítulo 29

27

As always, we have 4 databases. We are doing the experiment number27.
The vectors are: 10_3_5 16_7_10 13_7_8.
3_1 2_1 19_1_10 9_5.
1_9 20_19_16_20_.
18_1_4 8_3 6_1 8_4.
13_12_2_4 14_11_.
8_1 1_8 8_2 10_5_2.
6_2 19_6_6 19_1_3.
7_4 10_0 2_3 13_1_2.
11_14_5_1 1_7 11_.
19_14_5_7 5_4 5_8.
19_15_4_6 16_0 1_5.
5_5 13_20_18_10_.
9_7 15_7_1 13_12_.
11_8_10 11_20_17_.
10_18_7_7 18_3_4.
9_10 8_8 2_8 7_3.

Capítulo 30

28

Here will be presented 4 databases.

The vectors are: 3_5 20_5_4 1_7 6_2 9_5.

8_1 7_4 18_10_19_.

15_1_2 7_8 15_10_.

11_1_3 13_2_1 13_.

10_18_12_11_14_.

3_4 1_10 16_19_13_.

1_8 7_7 16_8_3 8_4.

7_1 2_3 19_12_6_6.

4_6 1_4 8_10 10_0 8_8.

20_5_7 7_3 11_18_.

13_14_5_5 19_9_7.

9_10 5_2 16_0 6_1 1_5.

2_4 11_5_8 17_20_.

13_3_1 7_10 8_2 10_.

2_8 18_11_20_14_.

5_1 19_19_1_9.

Capítulo 31

29

Here will be presented 4 databases.

The vectors are: 12_ 15_ 18_ 1_5 13_ 20_.

13_ 12_ 3_4 14_ 5_5.

16_0 5_7 6_6 7_3 16_.

4_6 2_4 11_ 14_ 19_.

8_2 3_1 13_ 5_4 1_2.

2_3 10_0 18_ 7_1 13_.

8_10 14_ 10_ 2_8 8_3.

13_ 5_2 19_ 7_7 15_.

19_ 7_10 16_ 3_5 5_1.

10_ 8_8 20_ 10_ 1_9.

20_ 2_1 1_7 9_10 10_.

11_ 11_ 1_4 8_1 17_.

19_ 8_4 18_ 1_8 9_7.

11_ 1_3 6_2 11_ 18_.

19_ 19_ 1_10 7_4 5_8.

7_8 20_ 6_1 9_5.

Capítulo 32

30

As always, we have 4 databases. We are doing the experiment number30.
The vectors are: 1_2 11_9_5 2_4 5_4 1_9.
3_1 18_11_15_10_0.
18_6_2 13_19_19_.
7_7 20_10_5_2 1_5.
10_19_7_10 6_6 2_8.
7_4 5_5 8_8 16_2_3.
1_3 14_8_2 9_7 14_.
11_8_3 16_1_4 13_.
15_18_7_3 9_10 7_1.
12_8_10 13_3_5 1_8.
6_1 12_3_4 19_19_.
20_11_10_1_7 8_1.
8_4 17_11_5_8 13_.
5_7 2_1 14_1_10 16_0.
20_20_19_4_6 10_.
5_1 7_8 13_18_.

Capítulo 33

31

We have done 4 databases.

The vectors are: 12_1_7 8_4 16_0 11_20_.

20_5_4 14_2_8 3_1.

7_10 5_2 18_7_4 11_.

12_1_10 8_10 4_6 1_8.

8_8 14_9_5 3_5 9_10.

10_13_15_10_18_.

10_18_13_14_5_1.

1_3 1_2 1_4 19_11_.

6_1 2_3 2_1 19_1_9.

19_19_11_11_8_1.

7_3 16_1_5 8_3 7_1.

5_5 19_18_7_7 8_2.

10_5_8 5_7 7_8 9_7.

15_3_4 13_13_20_.

19_16_2_4 10_0 17_.

6_6 6_2 20_13_.

Capítulo 34

32

As always, we have 4 databases. We are doing the experiment number32.
The vectors are: 8_2 5_5 1_2 8_1 11_1 5.
1_9 11_4 6_13 3_5.
7_7 12_18 19_5 2.
2_8 9_5 9_7 2_3 2_1.
8_8 16_1 3_14 10_.
16_0 13_20 18_12_.
5_4 6_6 14_13 10_.
6_2 13_1 7_11 1_10.
5_1 15_7 1_11 8_4.
19_7 4_19 15_10_.
8_3 1_8 3_1 7_10 9_10.
20_20 10_10 0_14_.
6_1 7_8 3_4 2_4 20_.
8_10 13_19 19_18_.
19_5 7_18 5_8 16_.
11_1 4_7 3_17_.

Capítulo 35

33

We have done 4 databases.

The vectors are: 14_1_3 5_4 13_7_8 1_8.

8_10 2_4 11_19_8_1.

11_8_4 5_1 9_10 16_.

11_4_6 8_2 15_1_2.

7_7 7_3 20_16_7_10.

8_3 2_3 10_0 14_3_5.

7_4 7_1 11_18_5_8.

19_18_5_5 2_1 6_6.

1_5 3_1 2_8 9_5 11_.

19_10_20_14_17_.

20_1_9 10_19_13_.

13_1_4 10_6_2 12_.

12_8_8 15_18_19_.

16_0 9_7 6_1 10_18_.

5_2 13_19_1_7 5_7.

20_3_4 1_10 13_.

Capítulo 36

34

We have done 4 databases.

The vectors are: 9_7 19_5_1 3_5 6_2 8_1.

1_4 8_3 11_4_6 9_5.

5_8 18_19_7_10 20_.

10_13_10_20_12_.

16_7_8 19_13_14_.

11_7_7 17_1_8 8_10.

15_2_4 7_4 11_11_.

1_7 2_1 15_1_9 5_4.

3_4 13_18_8_4 3_1.

5_7 6_1 14_10_16_.

18_1_10 10_0 8_2 6_6.

10_13_20_7_1 13_.

19_16_0 2_8 5_2 1_3.

5_5 20_19_7_3 14_.

12_18_8_8 1_5 1_2.

9_10 11_2_3 19_.

Capítulo 37

35

As always, we have 4 databases. We are doing the experiment number35.
The vectors are: 2_8 20_ 1_7 19_ 11_ 11_.
10_0 10_ 6_2 13_ 16_.
3_5 7_8 20_ 8_10 5_7.
18_ 8_1 1_4 9_5 18_.
14_ 5_1 6_6 8_3 11_.
1_3 20_ 9_10 16_ 7_4.
16_0 3_1 13_ 12_ 7_3.
19_ 5_2 20_ 2_3 13_.
14_ 1_8 18_ 19_ 10_.
10_ 2_4 13_ 19_ 5_8.
1_9 5_5 14_ 19_ 17_.
1_2 3_4 15_ 2_1 4_6.
5_4 11_ 8_8 15_ 7_7.
6_1 1_5 7_1 10_ 13_.
12_ 7_10 19_ 11_ 1_10.
8_4 18_ 8_2 9_7.

Capítulo 38

36

As always, we have 4 databases. We are doing the experiment number36.
The vectors are: 1_2 20_ 14_ 16_0 1_10 20_ .
7_4 19_ 19_ 9_10 9_7.
5_2 7_1 15_ 19_ 19_ .
7_8 10_ 5_1 19_ 1_9.
18_ 15_ 18_ 7_3 13_ .
11_ 5_7 10_ 12_ 2_4.
11_ 5_4 7_7 8_3 16_ .
8_1 18_ 10_ 6_1 16_ .
14_ 8_8 13_ 3_4 2_8.
11_ 9_5 17_ 3_1 1_7.
1_3 3_5 13_ 2_1 10_0.
8_10 2_3 12_ 1_5 5_5.
11_ 1_8 10_ 8_2 6_2.
6_6 5_8 20_ 1_4 7_10.
4_6 14_ 13_ 13_ 20_ .
11_ 19_ 18_ 8_4.

Capítulo 39

37

As always, we have 4 databases. We are doing the experiment number37.
The vectors are: 8_4 1_5 13_ 13_ 6_6 2_8.
14_ 18_ 4_6 8_8 1_4.
13_ 5_7 19_ 11_ 2_3.
10_ 9_10 7_7 3_1 8_3.
11_ 13_ 14_ 2_1 7_10.
9_7 1_8 16_ 20_ 18_.
1_3 7_3 10_0 5_8 6_2.
19_ 11_ 20_ 5_4 15_.
3_5 8_1 7_4 18_ 10_.
1_2 1_9 2_4 13_ 3_4.
20_ 9_5 11_ 19_ 8_10.
1_10 5_2 1_7 6_1 5_1.
20_ 16_0 19_ 8_2 5_5.
14_ 12_ 18_ 11_ 7_1.
17_ 16_ 19_ 7_8 12_.
10_ 10_ 19_ 15_.

Capítulo 40

38

Here will be presented 4 databases.

The vectors are: 3_1 10_1 10_2 8_20_11_.

3_4 12_8_3 1_9 18_.

10_0 5_8 11_8_10 19_.

20_16_0 13_14_19_.

19_1_8 16_20_12_.

11_3_5 2_1 5_7 19_.

20_1_3 5_4 19_11_.

7_7 7_3 1_7 14_9_10.

8_1 8_4 15_1_5 11_.

19_18_10_18_5_2.

13_1_4 6_2 9_5 13_.

13_15_2_4 13_4_6.

7_4 17_5_1 16_8_8.

10_18_7_1 14_1_2.

10_2_3 9_7 5_5 7_10.

8_2 6_6 7_8 6_1.

Capítulo 41

39

As always, we have 4 databases. We are doing the experiment number39.
The vectors are: 1_9 19_6_2 17_20_13_.
18_9_5 6_1 8_3 3_5.
7_8 10_2_1 5_8 1_4.
12_13_10_18_3_4.
16_8_8 20_5_1 10_.
19_19_19_5_7 1_5.
1_2 13_8_10 18_11_.
18_4_6 1_10 10_11_.
20_3_1 1_8 19_2_3.
9_10 7_3 20_5_5 7_4.
14_2_8 5_2 11_15_.
5_4 1_3 15_9_7 11_.
13_16_0 6_6 8_1 14_.
8_2 10_0 1_7 2_4 7_7.
8_4 11_16_14_7_1.
7_10 12_19_13_.

Capítulo 42

40

We have done 4 databases.

The vectors are: 19_10_0 17_8_4 10_9_7.

2_8 12_16_0 11_1_2.

5_4 6_2 6_6 1_3 7_8.

20_5_1 2_3 5_5 9_10.

5_7 19_19_8_8 19_.

12_11_11_5_2 11_.

5_8 16_18_8_10 7_4.

1_8 18_3_4 1_10 10_.

10_1_9 4_6 15_20_.

2_4 19_13_1_4 6_1.

7_3 19_13_13_11_.

10_20_2_1 14_18_.

14_7_7 16_14_15_.

13_7_1 18_1_5 1_7.

3_1 3_5 9_5 8_2 8_3.

7_10 13_20_8_1.

Capítulo 43

41

Here will be presented 4 databases.

The vectors are: 3_5 19_6_2 19_7_10 6_1.

9_7 5_5 8_8 8_10 11_.

7_3 18_18_ 11_1_10.

9_10 5_8 16_0 19_5_7.

1_8 4_6 19_13_ 10_.

2_3 1_3 12_12_ 15_.

8_2 1_2 13_17_ 5_1.

3_4 19_13_ 1_7 11_.

6_6 19_9_5 14_8_1.

10_0 15_3_1 5_2 20_.

10_11_7_7 13_10_.

10_18_14_5_4 7_4.

1_9 1_5 13_1_4 20_.

8_3 20_16_7_8 18_.

7_1 14_2_4 8_4 11_.

20_2_8 2_1 16_.

Capítulo 44

42

Here will be presented 4 databases.

The vectors are: 15_ 7_8 19_ 2_3 16_ 1_4.

6_1 1_8 20_ 1_5 5_2.

1_10 11_ 12_ 3_1 7_10.

8_4 19_ 18_ 15_ 1_2.

8_3 5_5 14_ 17_ 20_.

7_4 3_5 7_3 1_3 10_.

14_ 1_9 5_8 2_8 6_2.

5_4 11_ 11_ 11_ 14_.

11_ 13_ 7_1 19_ 4_6.

2_1 20_ 16_0 9_5 10_.

2_4 1_7 13_ 8_8 8_2.

19_ 19_ 18_ 13_ 16_.

12_ 13_ 10_ 19_ 18_.

8_10 5_1 10_0 3_4 9_7.

9_10 7_7 20_ 5_7 18_.

13_ 6_6 8_1 10_.

Capítulo 45

43

As always, we have 4 databases. We are doing the experiment number43.
The vectors are: 12_ 19_ 2_4 1_9 20_ 16_.
18_ 8_3 7_10 3_1 6_6.
14_ 20_ 19_ 1_2 15_.
6_2 13_ 1_8 10_ 18_.
18_ 10_ 11_ 15_ 19_.
18_ 8_8 16_ 4_6 11_.
13_ 1_7 1_10 9_7 14_.
10_ 2_3 13_ 2_1 8_2.
3_5 3_4 11_ 7_7 7_8.
8_4 8_10 5_1 8_1 5_2.
6_1 17_ 19_ 14_ 1_4.
9_10 13_ 11_ 13_ 5_7.
19_ 7_4 2_8 20_ 19_.
5_5 10_ 1_5 11_ 1_3.
5_8 5_4 12_ 7_1 16_0.
20_ 7_3 9_5 10_0.

Capítulo 46

44

As always, we have 4 databases. We are doing the experiment number44.
The vectors are: 7_3 12_ 13_ 16_ 10_0 10_.
8_8 1_4 15_ 1_10 7_4.
9_7 1_7 5_4 11_ 11_.
7_10 11_ 5_5 14_ 16_0.
3_5 17_ 7_1 19_ 8_1.
8_10 9_5 7_8 18_ 11_.
13_ 15_ 10_ 14_ 11_.
5_8 5_2 13_ 6_2 1_9.
19_ 1_3 1_5 5_7 8_4.
8_2 3_4 2_1 18_ 20_.
10_ 1_2 9_10 19_ 20_.
2_8 10_ 19_ 6_6 5_1.
2_4 19_ 8_3 12_ 13_.
13_ 4_6 14_ 1_8 6_1.
18_ 19_ 18_ 16_ 20_.
20_ 7_7 3_1 2_3.

Capítulo 47

45

We have done 4 databases.

The vectors are: 18_5_5 14_19_7_4 16_0.

11_20_8_4 8_8 18_.

12_5_8 1_7 3_5 7_7.

11_20_15_5_2 20_.

8_10 11_13_9_10 1_10.

19_16_20_13_2_4.

5_4 10_6_2 8_2 2_3.

10_0 1_2 6_6 11_10_.

5_7 7_10 19_13_8_1.

13_2_8 18_6_1 3_4.

3_1 19_11_2_1 4_6.

13_1_8 9_7 10_5_1.

8_3 18_7_3 17_19_.

19_14_1_5 12_7_8.

16_9_5 15_1_3 7_1.

10_14_1_4 1_9.

Capítulo 48

46

Here will be presented 4 databases.

The vectors are: 13_5_5 8_2 19_12_7_10.

1_5 18_13_8_8 20_.

18_9_7 2_4 1_7 19_.

10_2_3 3_5 15_10_.

13_6_1 1_3 5_2 11_.

19_7_4 11_7_8 7_3.

19_12_3_1 6_6 10_.

6_2 7_7 1_4 5_7 2_8.

11_4_6 3_4 10_0 7_1.

16_10_18_5_1 11_.

19_17_8_1 16_0 1_9.

9_5 20_8_3 13_16_.

19_20_8_4 18_20_.

14_9_10 14_1_2 14_.

1_8 13_5_8 1_10 11_.

15_2_1 8_10 5_4.

Capítulo 49

47

We have done 4 databases.

The vectors are: 11_ 19_ 10_ 10_ 19_ 18_.

2_3 11_ 13_ 1_9 8_3.

7_8 10_ 18_ 8_8 12_.

19_ 9_10 20_ 1_5 3_5.

2_8 16_ 8_1 13_ 13_.

7_3 14_ 11_ 9_7 2_4.

20_ 12_ 1_4 19_ 1_10.

3_4 6_2 5_4 8_4 7_7.

20_ 5_1 14_ 4_6 5_2.

7_4 17_ 15_ 18_ 9_5.

19_ 16_0 13_ 1_2 3_1.

16_ 8_10 1_3 6_1 18_.

5_8 10_ 1_7 11_ 6_6.

5_5 5_7 7_10 19_ 15_.

1_8 11_ 2_1 7_1 14_.

20_ 10_0 8_2 13_.

Capítulo 50

48

As always, we have 4 databases. We are doing the experiment number48.
The vectors are: 11_ 5_8 2_1 6_1 8_10 1_8.
10_ 19_ 7_3 2_3 10_.
10_0 12_ 13_ 5_1 16_.
4_6 2_8 19_ 8_1 1_4.
20_ 11_ 14_ 16_0 20_.
8_3 15_ 7_1 1_3 9_10.
5_7 11_ 20_ 15_ 13_.
8_4 11_ 12_ 13_ 7_7.
1_9 5_5 20_ 7_10 8_2.
1_2 10_ 13_ 18_ 2_4.
19_ 1_7 6_2 5_2 3_1.
14_ 9_7 11_ 18_ 9_5.
1_5 7_4 17_ 1_10 19_.
19_ 10_ 13_ 3_5 6_6.
16_ 19_ 7_8 3_4 18_.
5_4 14_ 18_ 8_8.

Capítulo 51

49

We have done 4 databases.

The vectors are: 9_10 20_3_4 1_3 1_4 16_.

14_5_5 17_19_9_7.

13_7_3 11_5_1 10_.

11_9_5 10_5_7 8_4.

13_4_6 14_6_6 13_.

18_12_11_10_5_2.

10_14_7_7 1_5 3_5.

8_8 7_4 10_0 5_8 18_.

18_15_13_1_7 11_.

19_19_19_12_8_3.

8_2 19_8_10 1_10 6_1.

15_1_9 19_16_0 20_.

5_4 20_8_1 7_8 18_.

3_1 2_4 7_10 1_2 1_8.

16_6_2 13_11_7_1.

2_8 20_2_3 2_1.

Capítulo 52

50

As always, we have 4 databases. We are doing the experiment number 50.
The vectors are: 20_8_3 10_9_10 16_0 17_.

11_19_14_2_4 10_.
10_16_11_11_10_.
1_9 19_12_5_7 8_2.
5_1 15_13_13_18_.
14_6_6 14_9_7 2_1.
1_2 20_15_5_4 19_.
13_1_8 12_7_1 18_.
11_1_4 19_20_1_3.
7_3 10_0 19_13_20_.
1_5 18_4_6 7_4 1_7.
7_7 7_10 16_13_3_4.
8_10 2_8 7_8 5_8 19_.
1_10 9_5 8_8 5_2 2_3.
18_3_1 5_5 3_5 11_.
8_4 6_1 6_2 8_1.

Capítulo 53

51

We have done 4 databases.

The vectors are: 2_8 1_9 1_2 10_ 11_ 9_5.

7_8 7_4 7_3 5_2 12_.

13_ 13_ 8_1 14_ 16_.

1_8 15_ 13_ 18_ 5_7.

7_1 8_2 5_8 7_7 20_.

8_3 5_5 14_ 4_6 16_.

20_ 1_4 20_ 16_0 14_.

3_1 3_4 7_10 19_ 5_4.

10_ 6_2 11_ 19_ 11_.

13_ 6_6 11_ 15_ 1_7.

10_ 8_10 6_1 9_10 2_1.

2_4 11_ 17_ 19_ 19_.

18_ 18_ 13_ 18_ 8_8.

20_ 10_0 1_5 8_4 3_5.

10_ 1_3 9_7 19_ 1_10.

5_1 19_ 2_3 12_.

Capítulo 54

52

Here will be presented 4 databases.

The vectors are: 18_ 10_ 7_ 4 10_ 6_ 6 20_ .

16_ 0 20_ 2_ 8 11_ 13_ .

18_ 4_ 6 11_ 13_ 8_ 8.

3_ 1 11_ 13_ 8_ 3 2_ 3.

5_ 8 7_ 1 18_ 8_ 4 13_ .

9_ 10 8_ 2 19_ 2_ 4 20_ .

3_ 4 1_ 8 10_ 1_ 10 11_ .

12_ 18_ 8_ 1 3_ 5 1_ 5.

5_ 7 7_ 10 8_ 10 7_ 7 15_ .

9_ 5 5_ 2 17_ 7_ 8 1_ 9.

5_ 5 13_ 19_ 5_ 1 10_ .

16_ 19_ 19_ 14_ 7_ 3.

14_ 6_ 2 11_ 15_ 16_ .

19_ 1_ 2 10_ 0 6_ 1 9_ 7.

1_ 7 5_ 4 2_ 1 12_ 19_ .

1_ 3 14_ 20_ 1_ 4.

Capítulo 55

53

We have done 4 databases.

The vectors are: 11_ 3_ 1 10_ 14_ 11_ 5_ 8.

7_ 1 13_ 1_ 10 5_ 1 7_ 10.

18_ 11_ 12_ 1_ 9 7_ 8.

18_ 19_ 7_ 7 6_ 2 11_.

3_ 5 8_ 10 4_ 6 20_ 18_.

16_ 9_ 7 9_ 10 14_ 5_ 2.

13_ 3_ 4 16_ 19_ 9_ 5.

13_ 5_ 5 20_ 20_ 18_.

10_ 19_ 10_ 10_ 15_.

2_ 8 19_ 8_ 2 2_ 1 1_ 5.

8_ 1 2_ 4 15_ 8_ 3 7_ 3.

19_ 1_ 7 7_ 4 17_ 14_.

2_ 3 12_ 8_ 8 19_ 13_.

5_ 7 16_ 0 8_ 4 1_ 4 20_.

5_ 4 6_ 6 13_ 6_ 1 1_ 2.

1_ 8 11_ 1_ 3 10_ 0.

Capítulo 56

54

Here will be presented 4 databases.

The vectors are: 19_ 19_ 17_ 12_ 5_ 2 13_.

19_ 6_ 6 11_ 13_ 18_.

16_ 4_ 6 6_ 1 5_ 4 18_.

7_ 10 20_ 9_ 7 20_ 19_.

3_ 1 19_ 8_ 1 5_ 8 11_.

2_ 1 14_ 20_ 11_ 16_ 0.

5_ 7 2_ 3 12_ 6_ 2 15_.

1_ 2 16_ 1_ 3 10_ 1_ 5.

10_ 20_ 8_ 4 8_ 8 5_ 5.

7_ 1 5_ 1 13_ 13_ 1_ 10.

2_ 4 11_ 8_ 10 7_ 4 15_.

19_ 1_ 7 10_ 0 1_ 8 14_.

8_ 2 10_ 3_ 4 7_ 7 7_ 8.

3_ 5 1_ 9 9_ 5 18_ 8_ 3.

1_ 4 18_ 2_ 8 11_ 13_.

7_ 3 10_ 9_ 10 14_.

Capítulo 57

55

We have done 4 databases.

The vectors are: 14_2_8 16_1_5 10_20_.

18_13_8_2 11_10_.

5_5 19_20_8_8 9_7.

8_1 13_7_7 9_10 7_4.

11_15_5_1 12_17_.

13_18_19_1_3 3_5.

11_10_2_4 12_4_6.

5_4 16_0 7_3 19_14_.

19_7_1 1_2 20_18_.

2_1 8_3 16_3_4 5_2.

19_1_7 6_2 10_1_10.

13_3_1 13_5_8 6_1.

9_5 1_8 5_7 11_19_.

14_7_8 18_7_10 10_0.

15_1_9 6_6 2_3 11_.

8_4 1_4 20_8_10.

Capítulo 58

56

We have done 4 databases.

The vectors are: 2_1 1_7 20_8_4 13_16_0.

1_5 18_16_7_4 5_2.

3_5 9_10 5_5 11_19_.

19_1_3 6_1 4_6 13_.

13_12_13_12_1_9.

10_10_0 9_5 17_19_.

7_10 3_4 11_2_4 1_4.

18_6_6 20_11_10_.

11_5_7 3_1 6_2 7_7.

16_8_8 7_1 7_3 20_.

2_3 8_10 8_3 5_1 18_.

11_19_14_5_4 2_8.

15_14_19_1_8 1_2.

10_20_7_8 10_8_1.

19_18_14_8_2 13_.

1_10 9_7 5_8 15_.

Capítulo 59

57

We have done 4 databases.

The vectors are: 13_ 16_ 18_ 17_ 7_10 1_3.

13_ 6_6 6_2 20_ 19_.

7_7 8_3 14_ 4_6 3_1.

5_1 16_0 14_ 7_8 2_3.

3_4 2_4 8_4 8_10 8_2.

5_4 18_ 10_ 6_1 13_.

13_ 11_ 7_4 1_5 8_8.

11_ 5_2 19_ 9_5 9_10.

11_ 5_7 3_5 10_ 20_.

18_ 15_ 10_0 1_4 11_.

8_1 1_2 18_ 19_ 14_.

20_ 13_ 10_ 12_ 5_5.

19_ 1_8 9_7 2_1 19_.

12_ 1_10 20_ 1_7 19_.

5_8 7_3 10_ 11_ 15_.

1_9 2_8 16_ 7_1.

Capítulo 60

58

Here will be presented 4 databases.

The vectors are: 20_ 7_ 1 8_ 4 19_ 11_ 15_.

17_ 15_ 4_ 6 20_ 1_ 10.

19_ 7_ 7_ 5_ 4 3_ 5 1_ 7.

20_ 18_ 1_ 9 2_ 3 6_ 2.

19_ 16_ 8_ 3 9_ 7 8_ 8.

2_ 1 10_ 14_ 11_ 18_.

18_ 1_ 4 1_ 3 7_ 10 7_ 3.

7_ 4 10_ 5_ 2 3_ 4 9_ 5.

12_ 8_ 10 5_ 8 19_ 1_ 5.

19_ 16_ 0 18_ 7_ 8 11_.

13_ 10_ 0 3_ 1 19_ 13_.

13_ 2_ 8 1_ 8 8_ 1 11_.

14_ 8_ 2 10_ 16_ 6_ 6.

13_ 2_ 4 11_ 14_ 5_ 5.

5_ 7 10_ 5_ 1 9_ 10 12_.

13_ 6_ 1 1_ 2 20_.

Capítulo 61

59

As always, we have 4 databases. We are doing the experiment number 59.
The vectors are: 7_7 4_6 14_20_11_15_.
14_3_5 13_3_4 6_6.
2_8 11_1_10 17_11_.
5_7 11_9_10 16_8_1.
19_20_8_8 2_4 7_4.
6_2 19_8_4 7_10 1_4.
5_8 3_1 7_1 20_5_5.
8_2 1_8 7_8 11_20_.
1_2 10_13_2_1 18_.
1_5 2_3 13_9_7 10_.
15_14_13_9_5 12_.
8_10 10_6_1 19_1_3.
5_1 19_5_4 18_19_.
18_1_9 10_0 10_16_0.
13_7_3 8_3 5_2 1_7.
18_19_12_16_.

Capítulo 62

60

Here will be presented 4 databases.

The vectors are: 2_8 20_ 7_4 14_ 3_4 4_6.

13_ 19_ 20_ 20_ 6_6.

1_3 7_8 7_3 9_7 16_0.

10_ 8_1 16_ 19_ 14_.

13_ 5_4 20_ 5_2 11_.

2_4 5_1 8_2 19_ 18_.

6_1 8_4 1_8 13_ 2_1.

5_7 18_ 18_ 19_ 1_10.

1_4 9_10 13_ 19_ 9_5.

18_ 16_ 8_10 1_7 3_1.

1_5 19_ 10_ 11_ 3_5.

8_3 15_ 13_ 15_ 7_7.

12_ 6_2 5_5 10_0 11_.

7_10 10_ 14_ 11_ 1_9.

7_1 10_ 5_8 1_2 2_3.

17_ 12_ 8_8 11_.

Capítulo 63

61

Here will be presented 4 databases.

The vectors are: 3_1 8_1 5_5 16_1 4_11_.

14_18_13_8_3_3_4.

10_10_0_7_1_1_3_8_10.

18_8_2_7_8_5_1_17_.

11_19_3_5_19_20_.

16_0_13_11_4_6_12_.

13_1_7_10_19_16_.

9_10_20_10_18_7_4.

7_3_1_5_7_7_6_6_5_4.

14_13_8_8_10_19_.

12_19_19_13_6_1.

2_8_1_2_9_7_5_8_14_.

1_9_2_3_1_10_20_11_.

2_4_18_9_5_2_1_8_4.

11_15_6_2_7_10_1_8.

15_5_2_20_5_7.

Capítulo 64

62

As always, we have 4 databases. We are doing the experiment number62.
The vectors are: 19_ 20_ 11_ 2_1 7_4 13_.
18_ 8_4 5_4 11_ 20_.
7_1 3_4 14_ 6_1 13_.
7_3 8_1 9_7 13_ 19_.
10_ 20_ 5_7 17_ 6_2.
15_ 19_ 8_2 5_2 20_.
18_ 10_0 7_8 8_3 12_.
16_ 2_4 8_8 3_1 1_4.
4_6 2_3 18_ 6_6 7_10.
2_8 16_ 11_ 14_ 14_.
12_ 3_5 9_10 8_10 19_.
1_10 10_ 1_3 1_8 15_.
11_ 1_9 19_ 5_1 7_7.
16_0 11_ 13_ 18_ 1_2.
13_ 1_7 5_5 5_8 1_5.
10_ 9_5 10_ 19_.

Capítulo 65

63

Here will be presented 4 databases.

The vectors are: 2_3 5_2 20_ 19_ 17_ 8_10.

5_8 7_7 10_ 7_10 19_.

5_7 8_4 6_2 13_ 10_.

8_3 18_ 1_8 20_ 5_1.

12_ 10_ 2_1 5_4 7_4.

8_2 1_4 11_ 11_ 4_6.

9_10 3_5 16_ 11_ 9_5.

19_ 6_6 8_8 15_ 7_8.

20_ 9_7 15_ 19_ 3_4.

1_7 11_ 10_0 13_ 11_.

10_ 1_2 18_ 18_ 5_5.

7_3 1_3 8_1 19_ 14_.

20_ 14_ 1_9 2_8 14_.

13_ 16_ 6_1 7_1 1_5.

18_ 12_ 16_0 13_ 1_10.

2_4 3_1 19_ 13_.

Capítulo 66

64

Here will be presented 4 databases.

The vectors are: 6_1 13_ 13_ 13_ 12_ 10_.

10_ 14_ 18_ 7_ 7 18_.

18_ 1_ 2_ 1_ 4 19_ 11_.

1_ 8 19_ 2_ 8 16_ 0 11_.

8_ 10 15_ 9_ 7 3_ 4 18_.

13_ 8_ 8_ 7_ 4 8_ 4 5_ 8.

16_ 1_ 10 2_ 1 19_ 19_.

1_ 5 7_ 10 5_ 4 11_ 2_ 4.

8_ 1 1_ 3 11_ 10_ 10_ 0.

7_ 8 20_ 13_ 19_ 16_.

3_ 5 17_ 9_ 10 20_ 5_ 1.

1_ 9 8_ 3 19_ 20_ 4_ 6.

7_ 3 1_ 7 15_ 12_ 20_.

9_ 5 7_ 1 11_ 2_ 3 6_ 2.

8_ 2 10_ 14_ 5_ 7 6_ 6.

3_ 1 5_ 2 5_ 5 14_.

Capítulo 67

65

Here will be presented 4 databases.

The vectors are: 19_1_3 8_4 2_1 14_1_8.

18_2_3 8_8 6_1 13_.

12_20_3_1 9_5 3_5.

7_8 10_10_8_3 18_.

5_5 13_15_7_1 9_7.

19_20_1_10 13_14_.

6_2 5_1 11_8_1 11_.

12_19_20_20_8_10.

5_7 11_5_2 18_13_.

18_16_13_4_6 1_5.

15_11_17_2_4 10_.

5_8 1_4 6_6 16_0 7_10.

11_5_4 19_7_3 7_7.

3_4 19_2_8 7_4 16_.

1_7 10_0 1_9 1_2 10_.

14_9_10 8_2 19_.

Capítulo 68

66

We have done 4 databases.

The vectors are: 8_2 14_ 13_ 16_ 20_ 7_10.

18_ 7_3 12_ 16_0 8_1.

9_10 20_ 10_ 1_3 2_8.

5_4 18_ 6_6 11_ 15_.

1_2 3_4 19_ 15_ 18_.

8_4 13_ 11_ 5_2 9_5.

19_ 6_1 1_5 18_ 1_8.

5_8 19_ 7_4 2_4 12_.

20_ 1_9 2_1 13_ 6_2.

19_ 7_1 16_ 11_ 11_.

1_7 13_ 19_ 14_ 10_.

10_ 14_ 5_7 11_ 1_10.

5_5 2_3 7_8 20_ 8_10.

10_0 13_ 5_1 8_3 4_6.

9_7 3_1 7_7 19_ 3_5.

1_4 17_ 8_8 10_.

Capítulo 69

67

Here will be presented 4 databases.

The vectors are: 1_2 6_6 10_ 11_ 10_ 2_3.

13_ 10_0 14_ 1_8 8_2.

5_7 10_ 2_4 3_1 12_.

19_ 3_4 18_ 1_4 18_.

8_10 2_1 15_ 18_ 15_.

5_4 11_ 5_5 13_ 17_.

1_5 5_8 16_ 11_ 19_.

9_7 16_ 6_2 1_9 8_4.

12_ 6_1 19_ 20_ 7_1.

20_ 8_8 7_10 8_3 11_.

11_ 1_7 3_5 5_2 19_.

20_ 7_3 13_ 10_ 7_8.

7_4 14_ 9_5 1_10 7_7.

1_3 13_ 19_ 14_ 4_6.

9_10 2_8 8_1 18_ 20_.

19_ 5_1 13_ 16_0.

Capítulo 70

68

As always, we have 4 databases. We are doing the experiment number68.
The vectors are: 7_4 17_1_5 1_3 3_1 19_.
12_2_8 18_8_10 11_.
1_7 14_20_1_9 16_0.
10_0 12_7_7 5_8 2_4.
13_5_4 15_18_20_.
6_2 8_2 10_2_3 10_.
13_6_1 13_8_1 10_.
7_3 13_5_2 6_6 20_.
19_14_19_11_16_.
7_1 1_10 8_3 10_20_.
18_19_5_5 19_9_5.
2_1 5_7 1_8 9_10 1_4.
8_4 16_13_11_1_2.
18_7_10 4_6 8_8 14_.
15_3_4 11_7_8 11_.
3_5 9_7 19_5_1.

Capítulo 71

69

As always, we have 4 databases. We are doing the experiment number69.
The vectors are: 1_7 1_5 7_8 6_6 13_6_2.
2_1 13_8_4 7_10 14_.
8_2 1_8 19_3_4 1_4.
19_12_8_8 2_8 9_5.
2_3 7_4 7_7 5_5 19_.
6_1 19_11_10_19_.
1_9 13_8_1 14_1_3.
5_2 11_10_18_1_10.
5_4 13_3_1 9_7 20_.
11_8_10 10_0 8_3 11_.
16_0 4_6 16_20_19_.
7_1 10_9_10 17_16_.
14_3_5 1_2 12_11_.
5_1 5_8 10_20_18_.
5_7 15_15_18_20_.
13_18_2_4 7_3.

Capítulo 72

70

Here will be presented 4 databases.

The vectors are: 13_ 6_ 1 19_ 8_ 4 1_ 10 20_.

7_ 3 11_ 14_ 1_ 7 8_ 3.

16_ 18_ 19_ 9_ 5 5_ 4.

15_ 13_ 1_ 4 6_ 2 5_ 8.

13_ 1_ 9 3_ 5 2_ 1 1_ 5.

6_ 6 8_ 2 20_ 19_ 12_.

15_ 12_ 18_ 20_ 19_.

7_ 1 3_ 4 8_ 10 10_ 10_ 0.

9_ 10 13_ 5_ 1 14_ 1_ 3.

10_ 14_ 20_ 11_ 10_.

5_ 2 1_ 2 19_ 13_ 16_ 0.

11_ 18_ 7_ 7 10_ 7_ 10.

2_ 4 7_ 4 16_ 11_ 5_ 7.

8_ 1 3_ 1 11_ 18_ 5_ 5.

7_ 8 9_ 7 19_ 4_ 6 2_ 8.

17_ 1_ 8 8_ 8 2_ 3.

Capítulo 73

71

As always, we have 4 databases. We are doing the experiment number71.
The vectors are: 3_5 14_20_9_5 3_1 7_3.

6_6 13_13_7_7 19_.

1_4 5_1 6_2 1_9 19_.

6_1 10_19_11_10_.

13_13_5_5 7_8 15_.

16_10_10_0 5_4 8_2.

2_4 18_9_7 5_8 19_.

7_1 14_8_3 18_8_10.

7_4 1_2 5_2 8_1 20_.

2_1 13_1_5 10_11_.

11_8_4 8_8 5_7 4_6.

15_1_10 9_10 1_7 12_.

7_10 16_3_4 20_11_.

11_2_8 20_19_12_.

1_3 2_3 16_0 17_14_.

1_8 19_18_18_.

Capítulo 74

72

As always, we have 4 databases. We are doing the experiment number72.
The vectors are: 8_2 11_ 5_4 16_ 5_2 14_.
18_ 6_6 8_4 5_5 2_8.
13_ 19_ 10_ 17_ 16_0.
13_ 7_7 10_ 7_10 18_.
19_ 18_ 19_ 10_ 13_.
12_ 1_9 15_ 20_ 5_1.
7_3 11_ 10_0 8_10 11_.
9_10 9_7 4_6 8_8 12_.
1_3 3_4 20_ 6_1 20_.
6_2 15_ 5_7 1_5 1_7.
10_ 9_5 8_3 16_ 7_8.
19_ 3_1 11_ 18_ 1_8.
20_ 8_1 13_ 2_4 7_1.
14_ 2_3 7_4 14_ 11_.
13_ 1_10 5_8 3_5 2_1.
19_ 1_2 1_4 19_.

Capítulo 75

73

We have done 4 databases.

The vectors are: 16_ 4_ 6 11_ 8_ 2 18_ 15_.

19_ 1_ 10 5_ 8 11_ 5_ 4.

18_ 11_ 7_ 10 8_ 10 13_.

10_ 1_ 8 2_ 1 5_ 2 5_ 5.

11_ 3_ 4 6_ 2 7_ 4 13_.

3_ 1 10_ 0 1_ 4 20_ 12_.

20_ 15_ 2_ 3 1_ 7 10_.

18_ 19_ 19_ 14_ 9_ 7.

10_ 18_ 19_ 5_ 7 2_ 4.

16_ 19_ 10_ 11_ 13_.

1_ 9 16_ 0 7_ 7 8_ 3 8_ 8.

9_ 10 13_ 1_ 2 8_ 4 5_ 1.

17_ 14_ 1_ 3 14_ 7_ 3.

6_ 1 19_ 12_ 6_ 6 20_.

8_ 1 2_ 8 3_ 5 7_ 1 13_.

1_ 5 20_ 9_ 5 7_ 8.

Capítulo 76

74

Here will be presented 4 databases.

The vectors are: 16_3_5 10_20_2_4 7_10.

5_1 1_5 10_0 11_13_.

1_7 10_20_9_5 17_.

14_8_4 10_5_7 13_.

11_19_18_19_7_8.

13_20_18_19_3_4.

9_7 10_5_2 19_8_1.

6_2 15_7_1 9_10 7_3.

12_2_1 11_1_8 1_3.

5_8 8_3 6_1 15_13_.

16_14_8_10 5_4 13_.

14_18_16_0 7_7 19_.

19_1_9 3_1 5_5 7_4.

1_4 1_10 20_12_18_.

8_8 1_2 4_6 8_2 11_.

6_6 2_8 11_2_3.

Capítulo 77

75

Here will be presented 4 databases.

The vectors are: 8_8 20_ 13_ 8_3 13_ 5_4.

18_ 19_ 4_6 6_2 1_10.

10_0 19_ 19_ 6_6 1_4.

17_ 14_ 7_10 19_ 20_.

12_ 7_3 3_1 13_ 2_4.

9_10 13_ 11_ 8_10 11_.

7_8 5_8 19_ 10_ 11_.

6_1 11_ 16_0 18_ 10_.

15_ 7_4 3_4 19_ 11_.

9_7 10_ 5_2 16_ 8_4.

1_5 14_ 1_7 20_ 7_1.

14_ 2_3 1_8 1_3 10_.

2_8 7_7 16_ 1_9 15_.

8_2 20_ 13_ 18_ 9_5.

5_5 12_ 2_1 18_ 5_1.

8_1 3_5 5_7 1_2.

Capítulo 78

76

Here will be presented 4 databases.

The vectors are: 18_ 11_ 12_ 9_ 5 3_ 4 12_.

2_ 1 11_ 5_ 4 7_ 4 20_.

13_ 10_ 11_ 18_ 4_ 6.

11_ 19_ 7_ 3 10_ 0 7_ 8.

1_ 5 13_ 9_ 10 5_ 2 1_ 9.

18_ 8_ 1 13_ 7_ 10 7_ 7.

2_ 8 8_ 2 10_ 16_ 5_ 1.

14_ 14_ 5_ 7 2_ 4 20_.

1_ 8 5_ 8 16_ 0 13_ 17_.

10_ 8_ 4 8_ 10 7_ 1 1_ 2.

15_ 1_ 3 19_ 3_ 5 2_ 3.

16_ 6_ 1 11_ 8_ 8 19_.

3_ 1 19_ 13_ 14_ 19_.

1_ 7 10_ 5_ 5 8_ 3 6_ 6.

6_ 2 19_ 20_ 18_ 1_ 10.

20_ 9_ 7 15_ 1_ 4.

Capítulo 79

77

We have done 4 databases.

The vectors are: 13_ 19_ 1_7 11_ 15_ 13_.

8_10 10_0 4_6 16_0 20_.

8_8 7_10 19_ 1_9 6_1.

16_ 1_5 14_ 5_7 10_.

5_2 20_ 18_ 18_ 14_.

3_4 16_ 1_10 8_2 20_.

1_2 15_ 7_1 11_ 2_3.

11_ 1_3 19_ 10_ 8_4.

13_ 18_ 5_4 19_ 6_2.

7_4 3_5 9_10 12_ 2_4.

5_1 10_ 8_3 7_3 6_6.

9_7 5_5 5_8 3_1 17_.

2_1 9_5 14_ 1_4 11_.

19_ 13_ 18_ 1_8 20_.

19_ 8_1 13_ 12_ 11_.

7_8 10_ 2_8 7_7.

Capítulo 80

78

Here will be presented 4 databases.

The vectors are: 7_4 11_5_5 12_2_1 20_.

19_8_1 15_19_1_7.

12_18_20_19_2_3.

6_6 3_1 1_3 20_16_0.

14_7_3 10_18_2_8.

10_10_8_3 3_5 6_1.

3_4 6_2 19_9_5 8_4.

18_11_8_10 13_13_.

1_2 1_10 10_9_10 4_6.

7_10 5_4 10_0 9_7 19_.

8_2 8_8 7_7 11_5_1.

20_5_2 16_5_7 11_.

13_18_13_1_5 1_8.

1_9 2_4 14_7_8 5_8.

17_14_16_13_7_1.

1_4 11_19_15_.

Capítulo 81

79

As always, we have 4 databases. We are doing the experiment number79.
The vectors are: 3_1 11_ 13_ 14_ 1_4 5_8.
2_1 3_5 19_ 1_10 8_3.
7_1 20_ 3_4 19_ 6_2.
16_ 15_ 5_5 18_ 1_8.
9_7 14_ 11_ 6_1 5_2.
18_ 9_10 5_1 10_0 15_.
13_ 5_4 8_8 7_3 14_.
19_ 6_6 18_ 11_ 10_.
20_ 7_10 4_6 13_ 5_7.
1_7 1_5 11_ 13_ 7_7.
16_ 18_ 10_ 10_ 7_8.
2_4 2_8 10_ 8_4 8_10.
17_ 19_ 2_3 9_5 12_.
8_1 19_ 19_ 1_2 8_2.
20_ 1_3 16_0 13_ 20_.
1_9 7_4 12_ 11_.

Capítulo 82

80

We have done 4 databases.

The vectors are: 18_ 10_ 1_2 8_3 1_7 1_5.

1_8 7_3 12_ 13_ 3_1.

13_ 9_10 7_10 7_8 6_6.

5_5 15_ 19_ 20_ 2_4.

11_ 19_ 14_ 16_0 1_4.

10_ 19_ 2_3 11_ 18_.

14_ 7_4 9_5 5_2 10_.

8_1 4_6 18_ 3_4 14_.

5_7 19_ 11_ 16_ 13_.

5_1 13_ 9_7 11_ 6_1.

11_ 1_10 2_8 8_8 18_.

5_4 5_8 7_1 16_ 17_.

12_ 10_0 7_7 20_ 3_5.

1_9 8_2 13_ 20_ 1_3.

6_2 8_10 2_1 20_ 19_.

10_ 19_ 8_4 15_.

Capítulo 83

81

We have done 4 databases.

The vectors are: 19_ 14_ 3_ 1_ 1_ 3_ 1_ 2_ 16_.

13_ 8_ 2_ 20_ 1_ 8_ 13_.

12_ 9_ 5_ 7_ 3_ 2_ 4_ 7_ 7_.

3_ 5_ 9_ 10_ 3_ 4_ 20_ 11_.

20_ 10_ 11_ 2_ 8_ 13_.

7_ 8_ 18_ 18_ 2_ 1_ 15_.

12_ 13_ 5_ 1_ 5_ 7_ 19_.

5_ 8_ 5_ 2_ 15_ 16_ 19_.

10_ 6_ 2_ 1_ 4_ 18_ 8_ 4_.

14_ 2_ 3_ 20_ 10_ 1_ 5_.

1_ 7_ 7_ 10_ 17_ 8_ 3_ 7_ 4_.

16_ 0_ 10_ 0_ 19_ 5_ 5_ 6_ 6_.

11_ 10_ 8_ 8_ 1_ 10_ 5_ 4_.

1_ 9_ 19_ 14_ 6_ 1_ 4_ 6_.

13_ 8_ 10_ 11_ 7_ 1_ 18_.

11_ 8_ 1_ 19_ 9_ 7_.

Capítulo 84

82

As always, we have 4 databases. We are doing the experiment number82.
The vectors are: 20_ 13_ 5_4 10_ 9_10 7_1.
13_ 5_8 1_2 13_ 10_.
15_ 18_ 15_ 14_ 1_10.
20_ 19_ 7_10 1_9 5_7.
19_ 8_8 11_ 7_4 6_2.
16_ 8_1 5_2 6_1 11_.
8_4 18_ 12_ 2_4 1_3.
8_10 20_ 18_ 5_1 1_8.
10_ 9_7 19_ 11_ 1_4.
7_3 13_ 10_0 1_7 8_3.
2_8 1_5 18_ 3_1 14_.
11_ 4_6 5_5 8_2 10_.
20_ 2_1 7_7 9_5 11_.
16_0 19_ 2_3 3_5 3_4.
6_6 14_ 13_ 17_ 19_.
19_ 7_8 16_ 12_.

Capítulo 85

83

Here will be presented 4 databases.

The vectors are: 5_8 18_2_8 19_13_8_4.

1_10 20_7_7 13_1_9.

3_4 8_1 8_10 7_8 7_3.

19_7_10 2_4 10_15_.

16_8_8 11_6_6 14_.

20_2_3 7_1 19_14_.

1_2 5_4 5_7 11_11_.

10_14_18_18_9_7.

7_4 16_0 10_5_2 8_2.

13_19_9_5 18_1_5.

19_1_4 1_7 19_16_.

17_6_1 15_4_6 10_.

10_0 2_1 3_5 13_20_.

20_9_10 5_5 1_8 8_3.

13_1_3 11_12_6_2.

11_5_1 12_3_1.

Capítulo 86

84

We have done 4 databases.

The vectors are: 12_ 10_ 0 3_ 4 9_ 5 17_ 20_.

13_ 7_ 7 20_ 7_ 3 3_ 5.

14_ 1_ 3 8_ 4 1_ 4 5_ 7.

11_ 11_ 6_ 6 14_ 13_.

15_ 14_ 13_ 19_ 2_ 8.

2_ 4 6_ 2 20_ 4_ 6 15_.

1_ 10 10_ 8_ 10 10_ 19_.

8_ 2 1_ 5 5_ 4 3_ 1 19_.

18_ 10_ 11_ 5_ 2 5_ 1.

1_ 9 19_ 19_ 1_ 2 9_ 7.

16_ 18_ 11_ 8_ 8 2_ 1.

12_ 18_ 1_ 7 8_ 3 16_.

13_ 10_ 7_ 8 19_ 20_.

16_ 0 13_ 7_ 1 5_ 5 11_.

9_ 10 8_ 1 2_ 3 5_ 8 7_ 4.

7_ 10 18_ 1_ 8 6_ 1.

Capítulo 87

85

As always, we have 4 databases. We are doing the experiment number85.
The vectors are: 1_7 16_ 1_10 10_ 10_ 19_.
9_5 7_3 19_ 18_ 6_6.
9_7 2_4 20_ 8_1 20_.
19_ 11_ 20_ 8_4 14_.
1_8 2_8 13_ 19_ 7_10.
6_1 8_3 1_5 9_10 7_8.
5_4 5_5 11_ 8_2 7_7.
20_ 5_1 2_1 18_ 15_.
8_8 11_ 17_ 3_1 15_.
18_ 10_ 10_ 0 6_2 1_3.
16_ 0 13_ 19_ 3_4 18_.
13_ 3_5 7_4 10_ 5_8.
16_ 1_2 12_ 14_ 1_9.
7_1 1_4 13_ 8_10 12_.
13_ 4_6 11_ 19_ 2_3.
5_7 11_ 5_2 14_.

Capítulo 88

86

We have done 4 databases.

The vectors are: 10_ 19_ 14_ 2_3 11_ 3_5.

3_4 12_ 11_ 16_0 5_4.

16_ 7_7 10_ 10_0 5_7.

1_3 19_ 19_ 12_ 18_.

1_4 7_3 10_ 16_ 2_1.

7_1 5_8 8_1 6_6 15_.

9_10 1_7 8_8 19_ 9_7.

11_ 9_5 6_2 18_ 1_10.

5_5 11_ 1_2 7_4 3_1.

19_ 13_ 7_10 19_ 11_.

7_8 2_4 4_6 8_3 2_8.

13_ 20_ 13_ 17_ 20_.

18_ 13_ 14_ 15_ 1_8.

5_2 1_9 6_1 8_4 20_.

10_ 8_10 13_ 20_ 14_.

18_ 1_5 5_1 8_2.

Capítulo 89

87

Here will be presented 4 databases.

The vectors are: 1_10 17_ 13_ 11_ 7_1 8_4.

8_3 4_6 11_ 1_8 5_7.

18_ 2_1 6_2 5_2 11_.

1_7 19_ 16_ 12_ 7_3.

10_ 11_ 14_ 13_ 6_6.

13_ 10_ 1_4 19_ 1_2.

2_3 2_4 5_8 14_ 18_.

19_ 8_1 16_0 11_ 10_0.

15_ 8_2 19_ 20_ 7_7.

15_ 20_ 5_4 7_8 10_.

5_1 8_8 18_ 3_1 5_5.

14_ 13_ 10_ 18_ 1_9.

9_10 20_ 6_1 1_3 20_.

16_ 2_8 12_ 7_10 9_7.

13_ 19_ 3_5 8_10 7_4.

9_5 1_5 19_ 3_4.

Capítulo 90

88

We have done 4 databases.

The vectors are: 20_ 20_ 10_ 0 5_ 1 2_ 4 10_.

18_ 1_ 5 14_ 8_ 8 12_.

8_ 10 13_ 2_ 8 1_ 9 16_.

7_ 8 1_ 4 9_ 7 18_ 11_.

2_ 1 1_ 8 5_ 4 20_ 3_ 5.

13_ 8_ 2 15_ 6_ 2 1_ 3.

11_ 11_ 6_ 1 5_ 7 14_.

15_ 13_ 3_ 4 5_ 5 13_.

7_ 10 4_ 6 9_ 5 8_ 3 9_ 10.

16_ 8_ 1 1_ 10 11_ 20_.

19_ 18_ 5_ 8 2_ 3 10_.

16_ 0 19_ 19_ 1_ 7 19_.

19_ 7_ 4 13_ 5_ 2 14_.

7_ 7 17_ 10_ 3_ 1 11_.

12_ 7_ 3 8_ 4 10_ 18_.

1_ 2 6_ 6 7_ 1 19_.

Capítulo 91

89

We have done 4 databases.

The vectors are: 13_1_3 12_10_7_4 3_5.

2_8 7_3 8_4 11_16_0.

16_11_8_3 8_2 7_10.

10_8_8 5_8 2_3 6_6.

8_1 5_7 7_1 6_2 18_.

9_7 14_13_8_10 1_2.

18_7_8 19_7_7 14_.

20_20_15_19_14_.

1_9 20_12_4_6 9_5.

1_8 18_9_10 1_10 10_.

5_4 13_19_3_4 11_.

10_5_1 20_5_2 16_.

1_4 1_7 11_10_0 18_.

13_2_4 3_1 17_15_.

5_5 1_5 19_11_2_1.

6_1 13_19_19_.

Capítulo 92

90

Here will be presented 4 databases.

The vectors are: 7_10 3_4 19_8_3 10_0 20_.

11_5_2 9_5 1_7 15_.

13_11_7_1 8_1 18_.

5_4 8_4 1_9 19_14_.

7_4 7_8 8_8 12_13_.

18_8_10 2_8 18_7_7.

2_3 13_1_2 10_9_7.

16_0 19_6_2 1_8 17_.

2_4 10_19_11_3_5.

9_10 1_10 5_5 2_1 4_6.

20_14_16_14_1_4.

1_3 6_6 10_5_7 19_.

20_11_3_1 1_5 19_.

11_7_3 5_1 20_15_.

12_13_6_1 18_5_8.

13_16_10_8_2.

Capítulo 93

91

As always, we have 4 databases. We are doing the experiment number91.
The vectors are: 20_ 13_ 4_6 13_ 1_2 20_ .
3_5 1_5 19_ 9_7 2_8.
19_ 2_1 8_10 11_ 5_5.
1_4 11_ 19_ 12_ 2_3.
14_ 19_ 17_ 8_1 5_2.
7_7 1_10 6_2 7_4 15_ .
7_3 1_3 7_10 18_ 16_0.
3_4 14_ 10_ 1_9 18_ .
7_1 16_ 19_ 19_ 10_0.
11_ 5_7 10_ 8_8 14_ .
6_6 9_10 7_8 18_ 1_8.
1_7 8_2 11_ 18_ 8_4.
10_ 9_5 12_ 5_4 8_3.
15_ 20_ 3_1 13_ 13_ .
13_ 10_ 20_ 6_1 11_ .
16_ 5_1 5_8 2_4.

Capítulo 94

92

Here will be presented 4 databases.

The vectors are: 12_ 14_ 1_2 4_6 20_ 11_.

20_ 18_ 20_ 7_7 2_4.

8_8 8_2 12_ 10_ 19_.

1_9 1_5 16_ 9_10 7_4.

2_8 19_ 6_6 14_ 2_1.

13_ 17_ 13_ 11_ 8_4.

8_10 15_ 5_1 6_2 3_1.

13_ 9_5 9_7 8_1 14_.

1_7 5_5 10_0 19_ 10_.

16_ 18_ 7_3 11_ 5_4.

10_ 10_ 1_10 13_ 19_.

3_5 2_3 15_ 3_4 18_.

13_ 5_2 19_ 16_0 8_3.

5_7 1_8 19_ 1_3 5_8.

11_ 18_ 7_10 11_ 7_8.

7_1 1_4 20_ 6_1.

Capítulo 95

93

As always, we have 4 databases. We are doing the experiment number93.
The vectors are: 8_2 20_16_10_13_3_1.
10_2_4 13_19_9_7.
5_4 2_8 13_8_1 17_.
1_9 19_15_19_18_.
1_7 5_7 1_10 18_11_.
1_2 19_3_4 1_3 15_.
2_3 14_6_1 10_20_.
8_4 7_3 19_5_8 6_6.
8_8 1_8 11_1_4 10_.
12_7_4 20_20_5_1.
9_10 8_10 16_5_2 7_8.
11_7_7 13_8_3 16_0.
11_13_19_1_5 12_.
7_1 10_0 14_4_6 18_.
14_18_3_5 9_5 6_2.
2_1 5_5 11_7_10.

Capítulo 96

94

Here will be presented 4 databases.

The vectors are: 13_ 1_9 10_ 11_ 16_ 8_10.

1_4 11_ 6_2 19_ 13_.

5_2 12_ 19_ 7_10 8_8.

15_ 11_ 16_ 14_ 2_1.

18_ 12_ 5_5 8_1 14_.

8_2 5_8 9_5 20_ 13_.

18_ 19_ 6_1 5_4 8_4.

7_3 5_7 10_ 7_7 1_8.

1_3 2_3 17_ 9_7 3_1.

3_5 15_ 6_6 3_4 11_.

18_ 16_0 8_3 7_8 10_.

18_ 19_ 2_4 4_6 1_2.

20_ 20_ 11_ 13_ 19_.

19_ 1_10 10_ 2_8 10_0.

1_7 5_1 1_5 9_10 14_.

20_ 13_ 7_4 7_1.

Capítulo 97

95

Here will be presented 4 databases.

The vectors are: 2_4 11_6_1 18_8_8 19_.

2_8 20_5_8 19_7_4.

14_11_10_10_5_5.

15_2_13_5_16_6_2.

19_12_18_3_4_1_8.

11_13_10_0_14_1_5.

20_12_9_10_7_10_5_2.

7_7_13_1_3_8_3_13_.

3_1_9_5_7_1_17_1_10.

10_1_9_8_2_8_4_14_.

11_10_13_6_6_13_.

18_7_8_5_4_5_7_4_6.

19_19_11_8_10_1_7.

1_4_1_2_5_1_19_8_1.

2_3_20_15_7_3_20_.

16_16_0_18_9_7.

Capítulo 98

96

Here will be presented 4 databases.

The vectors are: 13_ 10_ 19_ 18_ 8_10 19_.

2_1 9_10 11_ 5_8 11_.

7_7 1_8 11_ 14_ 11_.

1_2 19_ 5_1 2_4 7_4.

3_4 3_5 7_10 9_7 8_4.

1_4 6_1 20_ 5_5 1_9.

17_ 13_ 15_ 13_ 14_.

20_ 1_10 16_0 18_ 10_.

8_3 10_ 3_1 18_ 16_.

15_ 10_ 7_3 6_6 19_.

13_ 9_5 19_ 7_1 20_.

13_ 5_4 1_5 19_ 8_8.

8_1 12_ 2_8 5_2 6_2.

1_3 2_3 10_0 11_ 12_.

4_6 5_7 14_ 8_2 20_.

7_8 1_7 16_ 18_.

Capítulo 99

97

As always, we have 4 databases. We are doing the experiment number97.
The vectors are: 3_4 8_10 19_3_5 8_8 7_10.
12_9_10 8_1 13_6_1.
5_2 18_15_10_0 7_7.
4_6 11_17_10_7_8.
11_16_0 1_8 1_5 9_5.
6_6 13_5_7 5_8 2_4.
1_4 13_1_3 1_7 14_.
13_5_1 8_4 2_8 10_.
1_2 12_5_5 19_7_3.
19_14_1_9 16_1_10.
11_13_19_18_9_7.
7_1 20_11_20_14_.
10_18_19_6_2 8_2.
10_7_4 15_20_11_.
20_5_4 19_8_3 16_.
2_1 3_1 18_2_3.

Capítulo 100

98

Here will be presented 4 databases.

The vectors are: 9_10 19_10_1_3 15_20_.

3_5 11_9_5 12_11_.

16_10_13_17_5_7.

10_0 7_3 8_3 20_20_.

7_7 19_8_8 13_16_0.

13_1_5 18_2_4 14_.

2_1 14_12_11_3_1.

7_1 7_8 2_3 13_8_2.

9_7 3_4 1_10 19_1_4.

19_6_2 6_6 5_4 1_2.

6_1 1_9 16_15_8_1.

1_8 5_5 5_1 18_7_10.

13_20_18_8_4 19_.

1_7 14_8_10 5_8 11_.

10_4_6 5_2 10_18_.

2_8 19_7_4 11_.

Capítulo 101

99

We have done 4 databases.

The vectors are: 10_0 18_5_1 20_8_2 20_.

10_8_1 13_8_4 7_7.

12_5_4 19_14_1_2.

4_6_5_2 20_15_13_.

7_10 18_10_15_19_.

1_5_3_1 19_12_1_4.

10_17_2_4 2_8_6_1.

11_8_10 18_9_5_1_10.

19_7_1 16_11_1_7.

19_19_13_14_1_8.

16_5_5_2_1 5_7_13_.

7_4_3_5_6_2_8_8_7_8.

3_4_8_3_11_13_10_.

9_7_6_6_11_14_7_3.

2_3_1_9_9_10_11_5_8.

20_18_16_0_1_3.

Capítulo 102

100

As always, we have 4 databases. We are doing the experiment number100.
The vectors are: 14_6_1 14_3_1 8_1 3_5.
20_10_0 1_9 5_5 12_.
1_4 7_10 11_11_2_8.
1_5 9_10 10_8_2 8_8.
9_5 18_5_8 1_10 19_.
19_9_7 4_6 2_1 13_.
13_17_14_7_4 7_8.
13_16_5_2 6_6 16_0.
10_12_19_8_4 19_.
20_7_7 5_4 6_2 7_1.
2_4 16_18_1_8 1_7.
19_20_19_18_8_10.
18_1_3 15_13_10_.
1_2 11_20_8_3 15_.
11_11_2_3 10_5_1.
7_3 3_4 5_7 13_.

Capítulo 103

Monte Carlo

All the EERs:

- Database 1.1.1: 0.07566
- Database 1.1.2: 0.10676
- Database 1.1.3: 0.12567
- Database 1.1.4: 0.10817
- Database 1.2.1: 0.16288
- Database 1.2.2: 0.10643
- Database 1.2.3: 0.076559
- Database 1.2.4: 0.051509
- Database 1.3.1: 0.065339
- Database 1.3.2: 0.092363
- Database 1.3.3: 0.076225
- Database 1.3.4: 0.09076
- Database 1.4.1: 0.070995
- Database 1.4.2: 0.070579
- Database 1.4.3: 0.087901
- Database 1.4.4: 0.10641

- Database 1.5.1: 0.071225
- Database 1.5.2: 0.069329
- Database 1.5.3: 0.084898
- Database 1.5.4: 0.11844
- Database 2.1.1: 0.0709
- Database 2.1.2: 0.086497
- Database 2.1.3: 0.156
- Database 2.1.4: 0.094458
- Database 2.2.1: 0.069702
- Database 2.2.2: 0.086749
- Database 2.2.3: 0.10185
- Database 2.2.4: 0.14979
- Database 2.3.1: 0.072219
- Database 2.3.2: 0.051099
- Database 2.3.3: 0.10331
- Database 2.3.4: 0.10814
- Database 2.4.1: 0.10584
- Database 2.4.2: 0.084515
- Database 2.4.3: 0.079529
- Database 2.4.4: 0.11855
- Database 2.5.1: 0.094941
- Database 2.5.2: 0.13151
- Database 2.5.3: 0.044528
- Database 2.5.4: 0.082402
- Database 3.1.1: 0.068876

- Database 3.1.2: 0.13018
- Database 3.1.3: 0.078715
- Database 3.1.4: 0.15084
- Database 3.2.1: 0.069339
- Database 3.2.2: 0.15403
- Database 3.2.3: 0.084838
- Database 3.2.4: 0.096062
- Database 3.3.1: 0.075024
- Database 3.3.2: 0.094163
- Database 3.3.3: 0.057911
- Database 3.3.4: 0.10718
- Database 3.4.1: 0.13767
- Database 3.4.2: 0.092849
- Database 3.4.3: 0.070317
- Database 3.4.4: 0.059598
- Database 3.5.1: 0.089773
- Database 3.5.2: 0.1113
- Database 3.5.3: 0.088264
- Database 3.5.4: 0.075035
- Database 4.1.1: 0.14244
- Database 4.1.2: 0.091718
- Database 4.1.3: 0.10642
- Database 4.1.4: 0.097613
- Database 4.2.1: 0.09645
- Database 4.2.2: 0.059533

- Database 4.2.3: 0.15122
- Database 4.2.4: 0.093422
- Database 4.3.1: 0.11283
- Database 4.3.2: 0.066563
- Database 4.3.3: 0.08116
- Database 4.3.4: 0.076917
- Database 4.4.1: 0.10533
- Database 4.4.2: 0.13433
- Database 4.4.3: 0.089529
- Database 4.4.4: 0.033994
- Database 4.5.1: 0.083134
- Database 4.5.2: 0.080765
- Database 4.5.3: 0.12582
- Database 4.5.4: 0.096974
- Database 5.1.1: 0.13442
- Database 5.1.2: 0.15517
- Database 5.1.3: 0.079063
- Database 5.1.4: 0.058794
- Database 5.2.1: 0.086852
- Database 5.2.2: 0.094826
- Database 5.2.3: 0.074423
- Database 5.2.4: 0.12169
- Database 5.3.1: 0.089326
- Database 5.3.2: 0.077326
- Database 5.3.3: 0.058187

- Database 5.3.4: 0.11514
- Database 5.4.1: 0.076338
- Database 5.4.2: 0.039879
- Database 5.4.3: 0.12398
- Database 5.4.4: 0.11003
- Database 5.5.1: 0.067787
- Database 5.5.2: 0.064956
- Database 5.5.3: 0.11483
- Database 5.5.4: 0.089847
- Database 6.1.1: 0.075492
- Database 6.1.2: 0.16025
- Database 6.1.3: 0.079441
- Database 6.1.4: 0.097533
- Database 6.2.1: 0.11651
- Database 6.2.2: 0.077687
- Database 6.2.3: 0.10205
- Database 6.2.4: 0.087195
- Database 6.3.1: 0.070722
- Database 6.3.2: 0.10992
- Database 6.3.3: 0.12119
- Database 6.3.4: 0.062206
- Database 6.4.1: 0.076426
- Database 6.4.2: 0.095959
- Database 6.4.3: 0.092406
- Database 6.4.4: 0.093368

- Database 6.5.1: 0.099185
- Database 6.5.2: 0.085726
- Database 6.5.3: 0.064203
- Database 6.5.4: 0.093425
- Database 7.1.1: 0.12127
- Database 7.1.2: 0.10363
- Database 7.1.3: 0.047571
- Database 7.1.4: 0.15103
- Database 7.2.1: 0.088521
- Database 7.2.2: 0.12757
- Database 7.2.3: 0.084113
- Database 7.2.4: 0.097068
- Database 7.3.1: 0.094225
- Database 7.3.2: 0.075594
- Database 7.3.3: 0.10375
- Database 7.3.4: 0.086344
- Database 7.4.1: 0.086041
- Database 7.4.2: 0.074305
- Database 7.4.3: 0.12626
- Database 7.4.4: 0.067004
- Database 7.5.1: 0.12238
- Database 7.5.2: 0.074224
- Database 7.5.3: 0.088675
- Database 7.5.4: 0.054441
- Database 8.1.1: 0.076501

- Database 8.1.2: 0.11263
- Database 8.1.3: 0.10167
- Database 8.1.4: 0.14445
- Database 8.2.1: 0.0745
- Database 8.2.2: 0.036688
- Database 8.2.3: 0.12141
- Database 8.2.4: 0.13503
- Database 8.3.1: 0.085591
- Database 8.3.2: 0.057341
- Database 8.3.3: 0.083734
- Database 8.3.4: 0.13192
- Database 8.4.1: 0.092823
- Database 8.4.2: 0.082518
- Database 8.4.3: 0.12031
- Database 8.4.4: 0.063637
- Database 8.5.1: 0.10174
- Database 8.5.2: 0.040667
- Database 8.5.3: 0.1223
- Database 8.5.4: 0.060966
- Database 9.1.1: 0.082949
- Database 9.1.2: 0.12285
- Database 9.1.3: 0.091497
- Database 9.1.4: 0.1067
- Database 9.2.1: 0.12784
- Database 9.2.2: 0.079222

- Database 9.2.3: 0.061088
- Database 9.2.4: 0.14441
- Database 9.3.1: 0.088833
- Database 9.3.2: 0.075544
- Database 9.3.3: 0.11486
- Database 9.3.4: 0.0711
- Database 9.4.1: 0.090014
- Database 9.4.2: 0.097374
- Database 9.4.3: 0.081952
- Database 9.4.4: 0.10928
- Database 9.5.1: 0.073256
- Database 9.5.2: 0.092877
- Database 9.5.3: 0.09581
- Database 9.5.4: 0.08176
- Database 10.1.1: 0.060512
- Database 10.1.2: 0.10891
- Database 10.1.3: 0.11855
- Database 10.1.4: 0.10644
- Database 10.2.1: 0.092009
- Database 10.2.2: 0.072168
- Database 10.2.3: 0.052125
- Database 10.2.4: 0.1795
- Database 10.3.1: 0.08113
- Database 10.3.2: 0.11927
- Database 10.3.3: 0.09364

- Database 10.3.4: 0.054564
- Database 10.4.1: 0.059025
- Database 10.4.2: 0.14201
- Database 10.4.3: 0.058417
- Database 10.4.4: 0.14146
- Database 10.5.1: 0.10867
- Database 10.5.2: 0.10541
- Database 10.5.3: 0.063328
- Database 10.5.4: 0.056958
- Database 11.1.1: 0.12178
- Database 11.1.2: 0.098291
- Database 11.1.3: 0.043819
- Database 11.1.4: 0.1396
- Database 11.2.1: 0.14314
- Database 11.2.2: 0.068303
- Database 11.2.3: 0.11012
- Database 11.2.4: 0.11234
- Database 11.3.1: 0.10574
- Database 11.3.2: 0.11389
- Database 11.3.3: 0.088098
- Database 11.3.4: 0.083111
- Database 11.4.1: 0.087392
- Database 11.4.2: 0.098915
- Database 11.4.3: 0.085624
- Database 11.4.4: 0.11299

- Database 11.5.1: 0.049019
- Database 11.5.2: 0.1125
- Database 11.5.3: 0.08515
- Database 11.5.4: 0.10302
- Database 12.1.1: 0.11305
- Database 12.1.2: 0.094194
- Database 12.1.3: 0.11792
- Database 12.1.4: 0.10638
- Database 12.2.1: 0.068585
- Database 12.2.2: 0.15509
- Database 12.2.3: 0.087267
- Database 12.2.4: 0.073792
- Database 12.3.1: 0.090379
- Database 12.3.2: 0.099354
- Database 12.3.3: 0.089397
- Database 12.3.4: 0.078984
- Database 12.4.1: 0.071662
- Database 12.4.2: 0.11121
- Database 12.4.3: 0.11633
- Database 12.4.4: 0.086449
- Database 12.5.1: 0.042383
- Database 12.5.2: 0.13042
- Database 12.5.3: 0.074366
- Database 12.5.4: 0.10466
- Database 13.1.1: 0.093549

- Database 13.1.2: 0.1145
- Database 13.1.3: 0.10333
- Database 13.1.4: 0.11641
- Database 13.2.1: 0.093956
- Database 13.2.2: 0.050504
- Database 13.2.3: 0.12575
- Database 13.2.4: 0.11979
- Database 13.3.1: 0.0672
- Database 13.3.2: 0.1008
- Database 13.3.3: 0.11243
- Database 13.3.4: 0.044647
- Database 13.4.1: 0.087962
- Database 13.4.2: 0.087243
- Database 13.4.3: 0.036549
- Database 13.4.4: 0.14232
- Database 13.5.1: 0.072257
- Database 13.5.2: 0.054837
- Database 13.5.3: 0.088358
- Database 13.5.4: 0.13498
- Database 14.1.1: 0.058119
- Database 14.1.2: 0.1068
- Database 14.1.3: 0.13582
- Database 14.1.4: 0.11724
- Database 14.2.1: 0.087136
- Database 14.2.2: 0.098057

- Database 14.2.3: 0.09632
- Database 14.2.4: 0.082163
- Database 14.3.1: 0.094888
- Database 14.3.2: 0.082212
- Database 14.3.3: 0.079423
- Database 14.3.4: 0.08492
- Database 14.4.1: 0.079554
- Database 14.4.2: 0.076316
- Database 14.4.3: 0.098576
- Database 14.4.4: 0.10216
- Database 14.5.1: 0.05615
- Database 14.5.2: 0.097229
- Database 14.5.3: 0.088111
- Database 14.5.4: 0.10791
- Database 15.1.1: 0.13425
- Database 15.1.2: 0.17717
- Database 15.1.3: 0.08227
- Database 15.1.4: 0.048931
- Database 15.2.1: 0.093691
- Database 15.2.2: 0.098743
- Database 15.2.3: 0.098286
- Database 15.2.4: 0.078753
- Database 15.3.1: 0.098496
- Database 15.3.2: 0.06535
- Database 15.3.3: 0.077946

- Database 15.3.4: 0.085194
- Database 15.4.1: 0.11896
- Database 15.4.2: 0.077786
- Database 15.4.3: 0.073883
- Database 15.4.4: 0.086285
- Database 15.5.1: 0.067615
- Database 15.5.2: 0.12007
- Database 15.5.3: 0.088707
- Database 15.5.4: 0.08456
- Database 16.1.1: 0.15847
- Database 16.1.2: 0.095022
- Database 16.1.3: 0.093468
- Database 16.1.4: 0.074671
- Database 16.2.1: 0.040885
- Database 16.2.2: 0.17218
- Database 16.2.3: 0.072233
- Database 16.2.4: 0.10811
- Database 16.3.1: 0.073464
- Database 16.3.2: 0.10332
- Database 16.3.3: 0.082637
- Database 16.3.4: 0.10008
- Database 16.4.1: 0.08705
- Database 16.4.2: 0.093571
- Database 16.4.3: 0.11899
- Database 16.4.4: 0.068821

- Database 16.5.1: 0.026643
- Database 16.5.2: 0.11737
- Database 16.5.3: 0.10209
- Database 16.5.4: 0.09333
- Database 17.1.1: 0.098198
- Database 17.1.2: 0.066739
- Database 17.1.3: 0.15094
- Database 17.1.4: 0.090809
- Database 17.2.1: 0.082069
- Database 17.2.2: 0.11576
- Database 17.2.3: 0.076932
- Database 17.2.4: 0.1034
- Database 17.3.1: 0.04523
- Database 17.3.2: 0.086519
- Database 17.3.3: 0.11331
- Database 17.3.4: 0.089846
- Database 17.4.1: 0.14069
- Database 17.4.2: 0.053394
- Database 17.4.3: 0.065784
- Database 17.4.4: 0.092249
- Database 17.5.1: 0.10191
- Database 17.5.2: 0.081176
- Database 17.5.3: 0.10686
- Database 17.5.4: 0.093793
- Database 18.1.1: 0.10875

- Database 18.1.2: 0.083445
- Database 18.1.3: 0.10345
- Database 18.1.4: 0.13105
- Database 18.2.1: 0.078868
- Database 18.2.2: 0.096576
- Database 18.2.3: 0.12568
- Database 18.2.4: 0.067604
- Database 18.3.1: 0.071763
- Database 18.3.2: 0.078751
- Database 18.3.3: 0.13548
- Database 18.3.4: 0.074479
- Database 18.4.1: 0.084668
- Database 18.4.2: 0.083676
- Database 18.4.3: 0.0834
- Database 18.4.4: 0.090977
- Database 18.5.1: 0.10135
- Database 18.5.2: 0.077674
- Database 18.5.3: 0.060604
- Database 18.5.4: 0.093095
- Database 19.1.1: 0.108
- Database 19.1.2: 0.091748
- Database 19.1.3: 0.10028
- Database 19.1.4: 0.12204
- Database 19.2.1: 0.11372
- Database 19.2.2: 0.085067

- Database 19.2.3: 0.084929
- Database 19.2.4: 0.1027
- Database 19.3.1: 0.055659
- Database 19.3.2: 0.10487
- Database 19.3.3: 0.10483
- Database 19.3.4: 0.095824
- Database 19.4.1: 0.10727
- Database 19.4.2: 0.12103
- Database 19.4.3: 0.08142
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