**Experimental and numerical investigations of … “Arial, 12points, bold”**

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**Abstract**

“Arial, 10 points” Example of text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text.Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text (Williamson,1989). Text text text text tetext text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text xttext text texttext text texttext text text.

**Keywords:“Arial, 10 points, bold”** Keyword, keyword, keyword, “Arial, 10 points”

**I. Introduction“Arial, 10 points, bold”**

“Arial, 10 points”Exampleof texttext texttext texttexttexttexttexttexttext text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text (Escriva,1999). text text text text text text text texttext text text text text text text.

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Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text texttext text text text text text text text text text text text text text text text text text text text text textext text text text text text text text texttext text text text text text text text text text textby Zovatto and Pedrizzetti (2001).

**II. Experimental Facility“Arial, 10 points, bold”**

***II.1. Setup*“*Arial, 10 points, Italic, bold*”**

“Arial, 10 points” Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text texttext text text text text text text text text text text text text text text text text text text text text text text text text text text text text. Text text text text text text text text text text text text text text text text text texttext text texttext text text text text text text text text text text text.

**P**

**F1**

Electromagnetic flowmeters

Test section

Heatexchanger

Tank

Pump

Conical diffuser

Elbows

By-pass

Valve

Pressurization

system

**F2**

Fig. 1:“Arial, 9 points, Centered, and graph aligned on the text”Experimental installation

Text text text text text text text text text text text text text text text.Text text text text text text text text text text text text text text text text text text text text text text text text. Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text.

Text text text text text text text text text text text text text text text text text text text text text text text text. Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text. Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text.

**A**

**B**

**C**

**D**

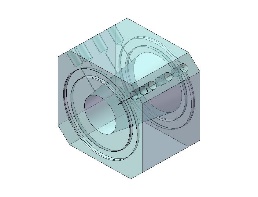
75

φ41

φ62.7

Diffuser

16°



Diffuser

**A**

**B**

**C**

**D**

Fig. 2:“Arial, 9 points, Centered, and graph aligned on the text” Sketch of text text text text.

Text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text. Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text. Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text.

***II.2. Measurements* “*Arial, 10 points, Italic, bold*”**

Text text text text text text text text text text text text text text text text text text text text text text text text by Zovatto and Pedrizzetti (2001). Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text by Escriva (1999). Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text by Graftieaux etal. (2001). Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text.

Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text. Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text. Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text by. Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text. Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text by Escriva (1999).Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text.

**III. Numerical scheme“Arial, 10 points, bold”**

“Arial, 10 points” Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text. Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text. Text text text:

(1)

and

(2)

Text text text text text text text text text text text text text text text text text text text text text text text text by Zovatto and Pedrizzetti (2001). Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text by Escriva (1999). Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text by Graftieaux etal. (2001). Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text.

Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text. Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text. Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text by Escriva (1999).Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text.

**IV. Results and discussions“Arial, 10 points, bold”**

“Arial, 10 points” Text text text text text text text text text text text text text text text text text text text text text text text text by Zovatto and Pedrizzetti (2001). Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text by Escriva (1999). Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text by Graftieaux etal. (2001).

Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text. Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text. Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text.

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Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text. Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text textEscriva (1999).Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text.

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(in cm of water)

Line A

Line B

Line C

Line D

**A**

**B**

**C**

**D**

Fig. 3:“Arial, 9 points, centered, and graph aligned on the text”Example text text text text text text text text text text

Text text text text text text text text text text text text text text text text text text text text text text text text by Zovatto and Pedrizzetti (2001). Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text by Escriva (1999). Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text by Graftieaux etal. (2001). Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text.

Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text. Escriva (1999).Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text.

Tab. 1:“Arial, 9 points, centered, and table aligned on the text”Example text text text text text text text text text

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Text** | **Text** | **Text** | **Text** | **Text** |
| **Text** | *1* | *2* | *3* | *4* |
| **Text** | *1* | *2* | *3* | *4* |
| **Text** | *1* | *2* | *3* | *4* |
| **Text** | *1* | *2* | *3* | *4* |
| **Text** | *1* | *2* | *3* | *4* |
| **Text** | *1* | *2* | *3* | *4* |

Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text. Text text text text text text

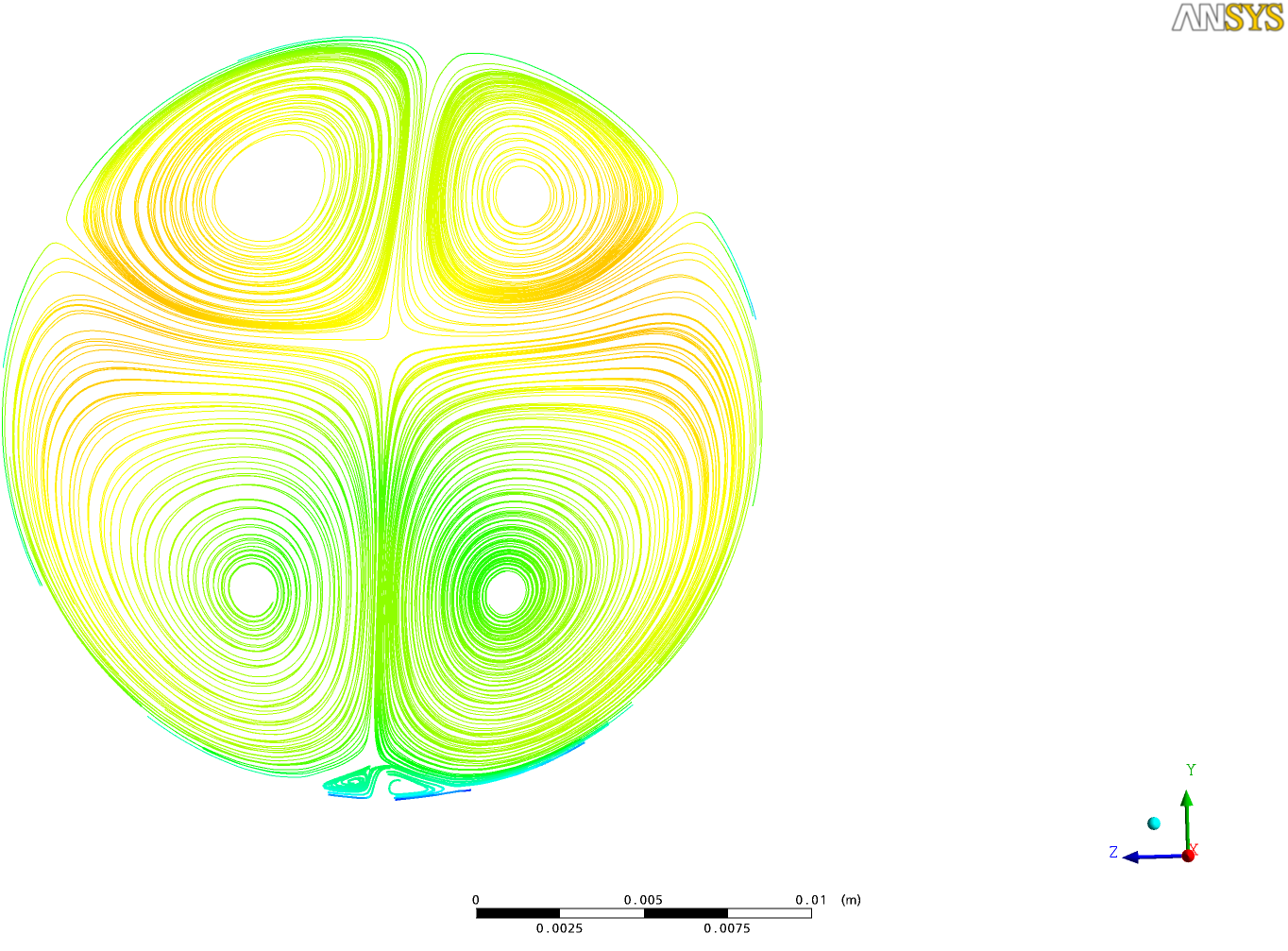
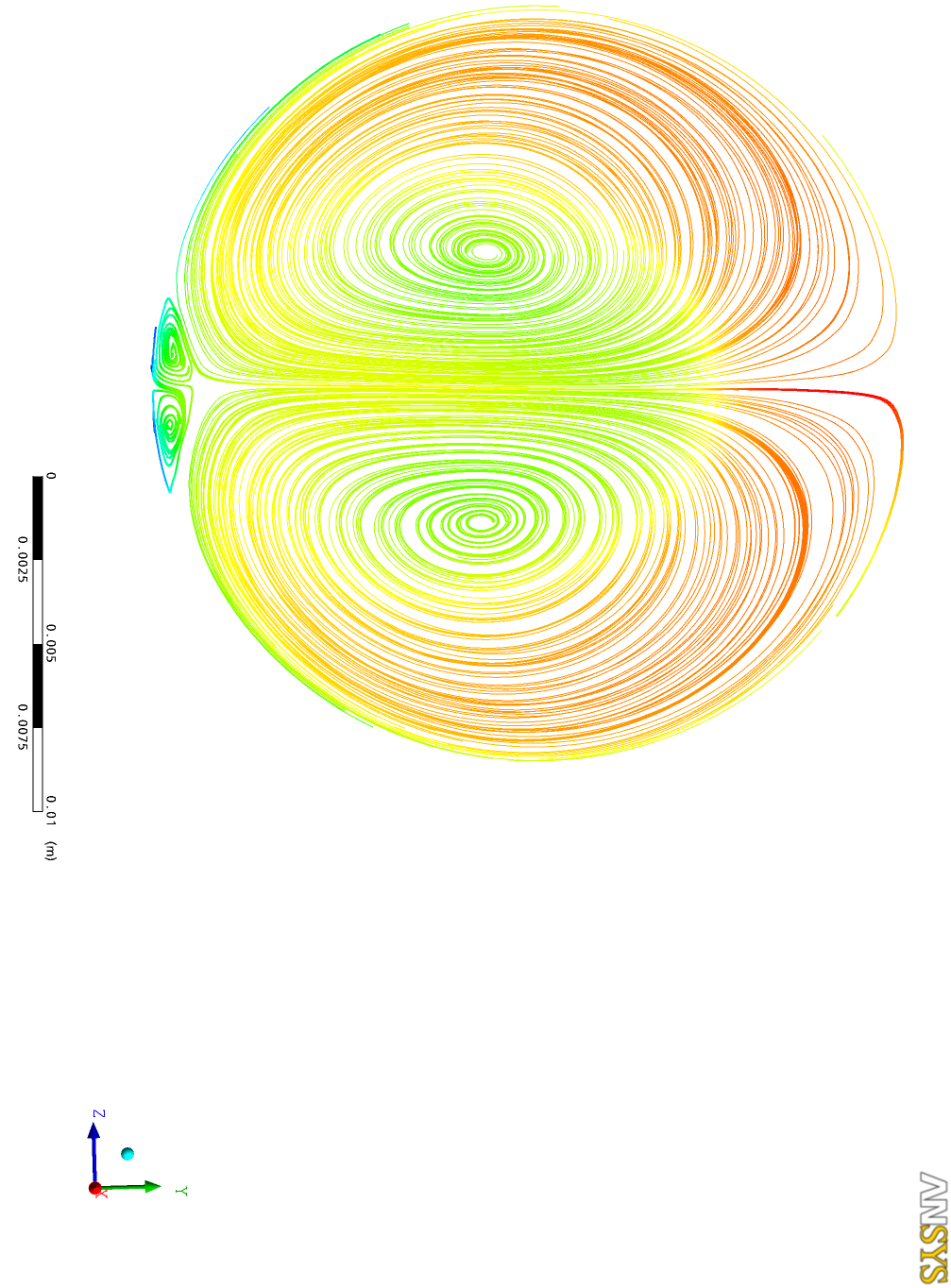
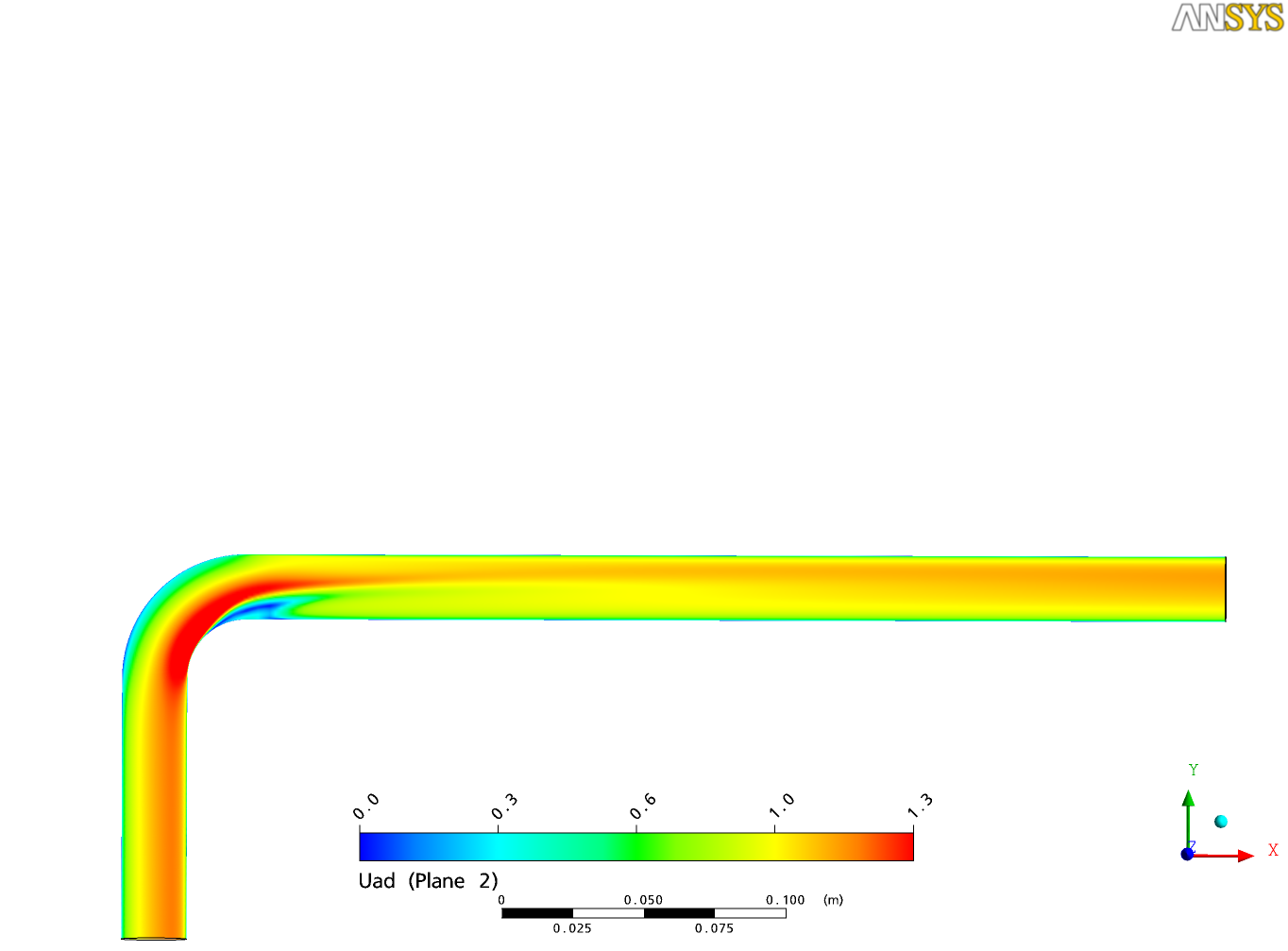
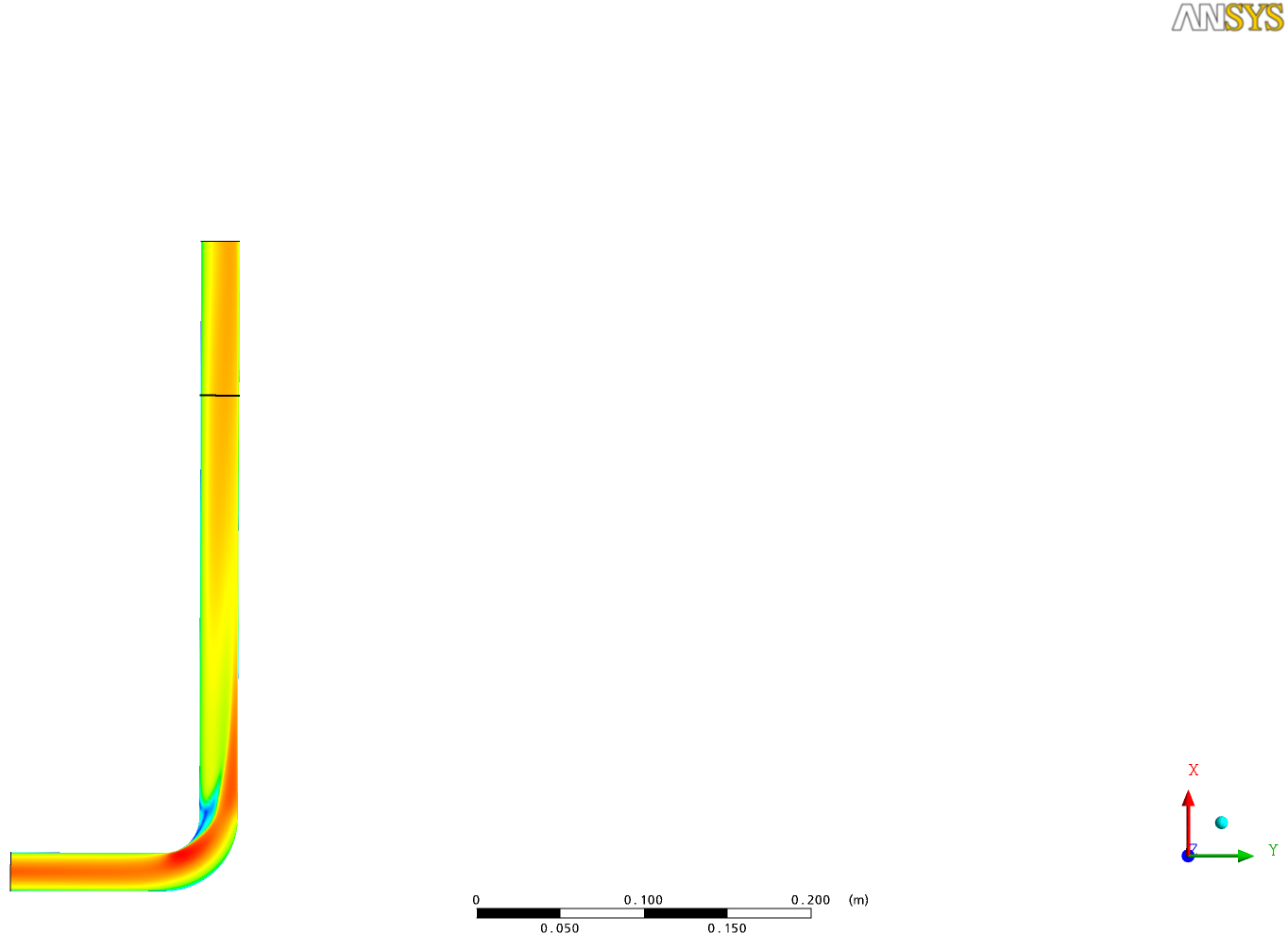
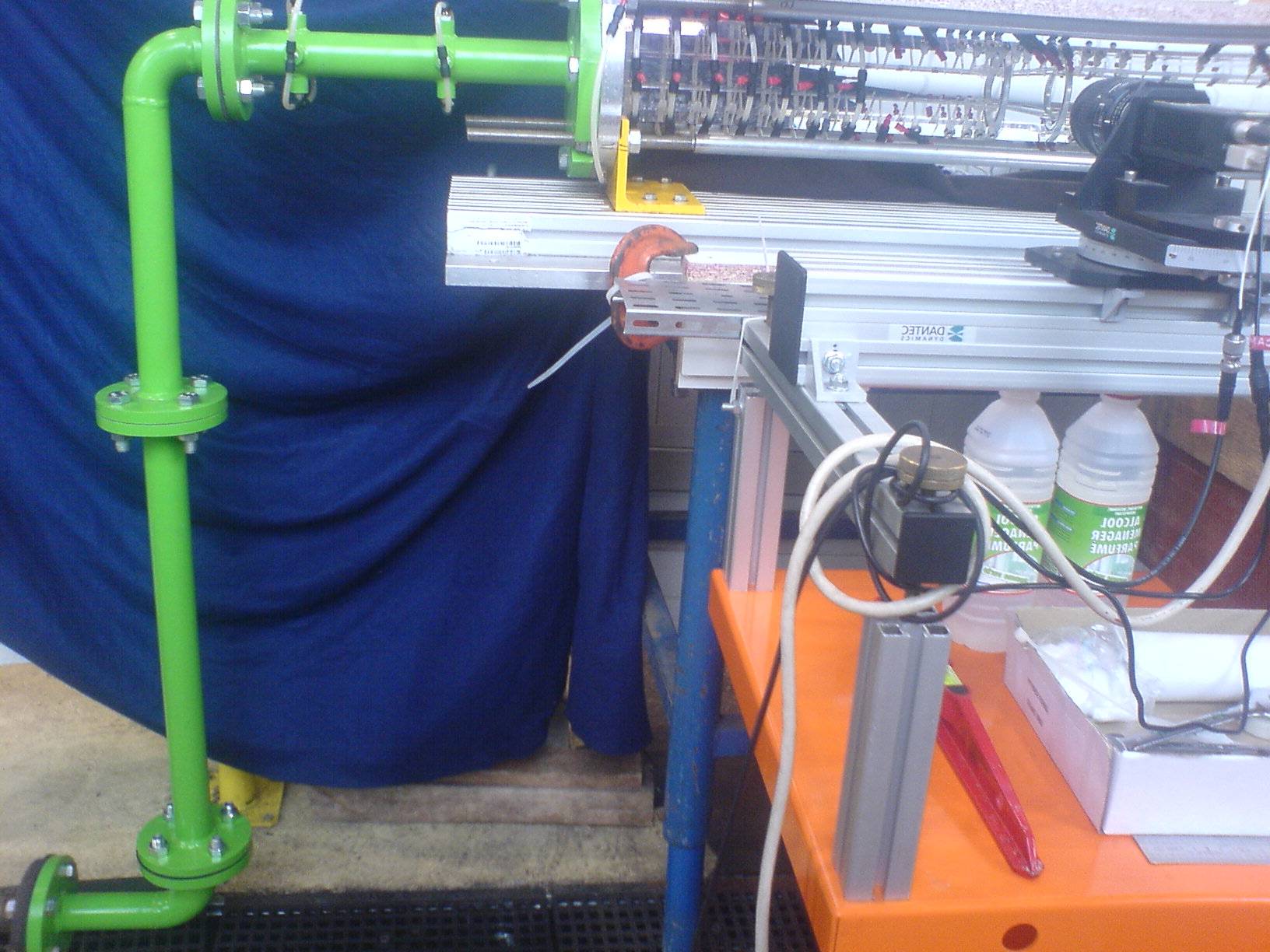


Fig. 4:“Arial, 9 points, centered, and graph aligned on the text”Numerical simulation of text text text text text text text

Text text text text text text text text text text text text text text text text text text text text text text text text by Zovatto and Pedrizzetti (2001). Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text by Escriva (1999). Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text by Graftieaux etal. (2001).

Tab. 2:“Arial, 9 points, centered, and table aligned on the text”Example text text text text text text text text text

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Text** | **Text** | **Text** | **Text** | **Text** |
| **Text** | *1* | *2* | *3* | *4* |
| **Text** | *1* | *2* | *3* | *4* |
| **Text** | *1* | *2* | *3* | *4* |

Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textext text text text text text text text text text text text text text text text text text text text text text text text text text.

0

0.25

0.5

0.75

1

1.25

1.5

1.75

X/Dh

0.75

0.50

0.25

0

-0.50

-0.25

-0.75

Y/Dh

Fig. 5:“Arial, 9 points, centered, and graph aligned on the text”Experimental evolution of text text text text text text

Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text textText text text text text text text text text text text text text text text text text text text text text text text text.

**V. Conclusions“Arial, 10 points, bold”**

“Arial, 10 points” Text text text text text text text text text text text text text text text text text text text text. Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text.

Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text. Text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text text.

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**Acknowledgements“Arial, 10 points, bold”**

“Arial, 10 points” This research was supported by the text text, the Laboratory text text of the University of text, and the text text. These supports are gratefully acknowledgedtext text text.

**Nomenclature“Arial, 10 points, bold”**

g : Gravitational constant (m.s-1)

p : Pressure (N.m-2)

Greek letters

Φ : Heat transfer coefficient (W.m-2)

μ : Viscosity (Pa.s)

Superscripts

\* : Dimensionless

--- : Temporal average

Subscripts

max : Maximum

turb : Turbulent

enr : Energy

**References“Arial, 10 points, bold”**

“Arial, 9 points, alphabetic order of names (fist author)”

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