

Title: How to write a fractal-like thesis using the PIE algorithm for paragraph writing.

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Abstract

We present a somehow novel approach to decompose the very emotionally demanding processes of writing a scientific thesis. In here we use as a building block the PIE (Point Illustration Explanation) paragraph writing technique and then develop a general way to concatenate the algorithm in a fractal like style to produce a complete document of some 100 pages. The main advantage of this approach is that the students does not longer face the terrible challenge of a thesis but of one PIE at a day, so they finish their manuscript in some 100 days of work.

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Chapter 1: Introduction

Section 1: Why is my problem important?

Subsection Point

Opening Paragraph

Paragraph for Illustration 1

Paragraph for Illustration 2

Paragraph for Illustration 3

Explanation

Subsection: Illustration 1

Opening Paragraph

Paragraph for Illustration 1

Paragraph for Illustration 2

Paragraph for Illustration 3

Explanation

Subsection: Illustration 2

Opening Paragraph

Paragraph for Illustration 1
Paragraph for Illustration 2
Paragraph for Illustration 3
Explanation

Subsection: Illustration 3

Opening Paragraph
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Explanation

Subsection: Explanation

Opening Paragraph
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Explanation

Section2: How the problem has being approach?

SubsectionPoint

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Explanation

Subsection: Illustration 1

Opening Paragraph
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Paragraph for Illustration 2
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Explanation

Subsection: Illustration 2

Opening Paragraph
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Paragraph for Illustration 3
Explanation

Subsection: Illustration 3

Opening Paragraph
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Explanation

Subsection: Explanation

Opening Paragraph
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Explanation

Section 3: What has being done so far?

SubsectionPoint

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Explanation

Subsection: Illustration 1

Opening Paragraph
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Paragraph for Illustration 2
Paragraph for Illustration 3
Explanation

Subsection: Illustration 2

Opening Paragraph
Paragraph for Illustration 1

Paragraph for Illustration 2
Paragraph for Illustration 3
Explanation

Subsection: Illustration 3

Opening Paragraph
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Explanation

Subsection: Explanation

Opening Paragraph
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Explanation

Section 4: For what does all this is useful?

SubsectionPoint

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Explanation

Subsection: Illustration 1

Opening Paragraph
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Paragraph for Illustration 3
Explanation

Subsection: Illustration 2

Opening Paragraph
Paragraph for Illustration 1

Paragraph for Illustration 2
Paragraph for Illustration 3
Explanation

Subsection: Illustration 3

Opening Paragraph
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Subsection: Explanation

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Section 5: To whom this is important / useful?

SubsectionPoint

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Subsection: Illustration 1

Opening Paragraph
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Subsection: Illustration 2

Opening Paragraph
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Subsection: Illustration 3

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Subsection: Explanation

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Chapter 2: Methods

Section1: What I'm doing (hypothesis) and why?

SubsectionPoint

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Explanation

Subsection: Illustration 1

Opening Paragraph
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Explanation

Subsection: Illustration 2

Opening Paragraph

Paragraph for Illustration 1

Paragraph for Illustration 2

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Explanation

Subsection: Illustration 3

Opening Paragraph

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Explanation

Subsection: Explanation

Opening Paragraph

Paragraph for Illustration 1

Paragraph for Illustration 2

Paragraph for Illustration 3

Explanation

Section2: Experimental design and why

SubsectionPoint

Opening Paragraph

Paragraph for Illustration 1

Paragraph for Illustration 2

Paragraph for Illustration 3

Explanation

Subsection: Illustration 1

Opening Paragraph

Paragraph for Illustration 1

Paragraph for Illustration 2

Paragraph for Illustration 3

Explanation

Subsection: Illustration 2

Opening Paragraph

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Subsection: Illustration 3

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Subsection: Explanation

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Section 3: Field work design and why

SubsectionPoint

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Subsection: Illustration 3

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Subsection: Explanation

Opening Paragraph

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Section 4: Modeling design and why

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Explanation

Subsection: Illustration 1

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Subsection: Explanation

Opening Paragraph

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Section 5: Data analysis and why

SubsectionPoint

Opening Paragraph

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Paragraph for Illustration 3

Explanation

Subsection: Illustration 1

Opening Paragraph

Paragraph for Illustration 1

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Paragraph for Illustration 3

Explanation

Subsection: Illustration 2

Opening Paragraph

Paragraph for Illustration 1

Paragraph for Illustration 2

Paragraph for Illustration 3

Explanation

Subsection: Illustration 3

Opening Paragraph

Paragraph for Illustration 1

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Paragraph for Illustration 3

Explanation

Subsection: Explanation

Opening Paragraph

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Explanation

Chapter 3: Results

Section1: Experimental results

SubsectionPoint

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Paragraph for Illustration 3

Explanation

Subsection: Illustration 1

Opening Paragraph

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Explanation

Subsection: Illustration 2

Opening Paragraph

Paragraph for Illustration 1

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Paragraph for Illustration 3

Explanation

Subsection: Illustration 3

Opening Paragraph

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Subsection: Explanation

Opening Paragraph

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Explanation

Section2: Field work results

SubsectionPoint

Opening Paragraph

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Paragraph for Illustration 3

Explanation

Subsection: Illustration 1

Opening Paragraph

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Section 3: Modeling results

SubsectionPoint

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Subsection: Illustration 1

Opening Paragraph

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Subsection: Explanation

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Explanation

Section 4: Statistical results

SubsectionPoint

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Paragraph for Illustration 3

Explanation

Subsection: Illustration 1

Opening Paragraph

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Subsection: Illustration 2

Opening Paragraph

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Subsection: Explanation

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Chapter 5: Discussion and Concussions

Section1: How do my results relate with the main hypothesis?

Subsection: Facts and phenomena

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Subsection: Methods

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Subsection: Theory

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Section 2: What are the limitations or problems from my work?

Subsection: Facts and phenomena

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Section 3: Why my work is important for the field?

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Subsection: Theory

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Section 4:What new questions may come from my work?

Subsection: Facts and phenomena

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Subsection: Methods

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Section 5:Final statement?

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