

**NAGOYA UNIVERSITY LIBRARY WORKSHOPS
2017**



Academic Writing *and* **Logical Thinking**

May 17 ~ June 14, 2017

Instructor: Dr. Paul Lai

NAGOYA UNIVERSITY LIBRARY WORKSHOPS 2017



Review

學術論文の基本的な目的は、結論へと至る論理的ステップを提示することによって、論文の主張する結論を受け入れるよう読者を説得することである。

Two Major Difficulties in Research Writing

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- 1. Original Idea**
- 2. Supporting the Idea**

WRITING
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What is Inferential Relation?

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INFERENTIAL RELATION



Statement 1

True

e.g. Peter is in Tokyo.



Statement 2

True

e.g. Peter is in Japan.

INFERENTIAL RELATION



Statement 2

False

e.g. Peter is in Japan.



Statement 1

False

e.g. Peter is in Tokyo.



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The truth/falsity of statement 1
affects
the truth/falsity of statement 2

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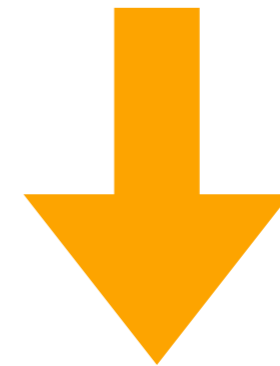
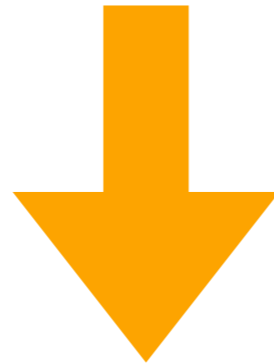
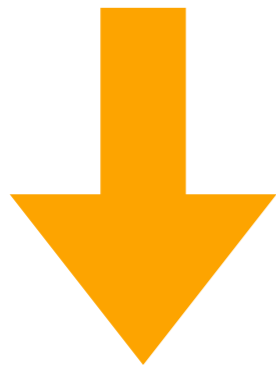
How is the logic studies helpful to your research?

WRITING
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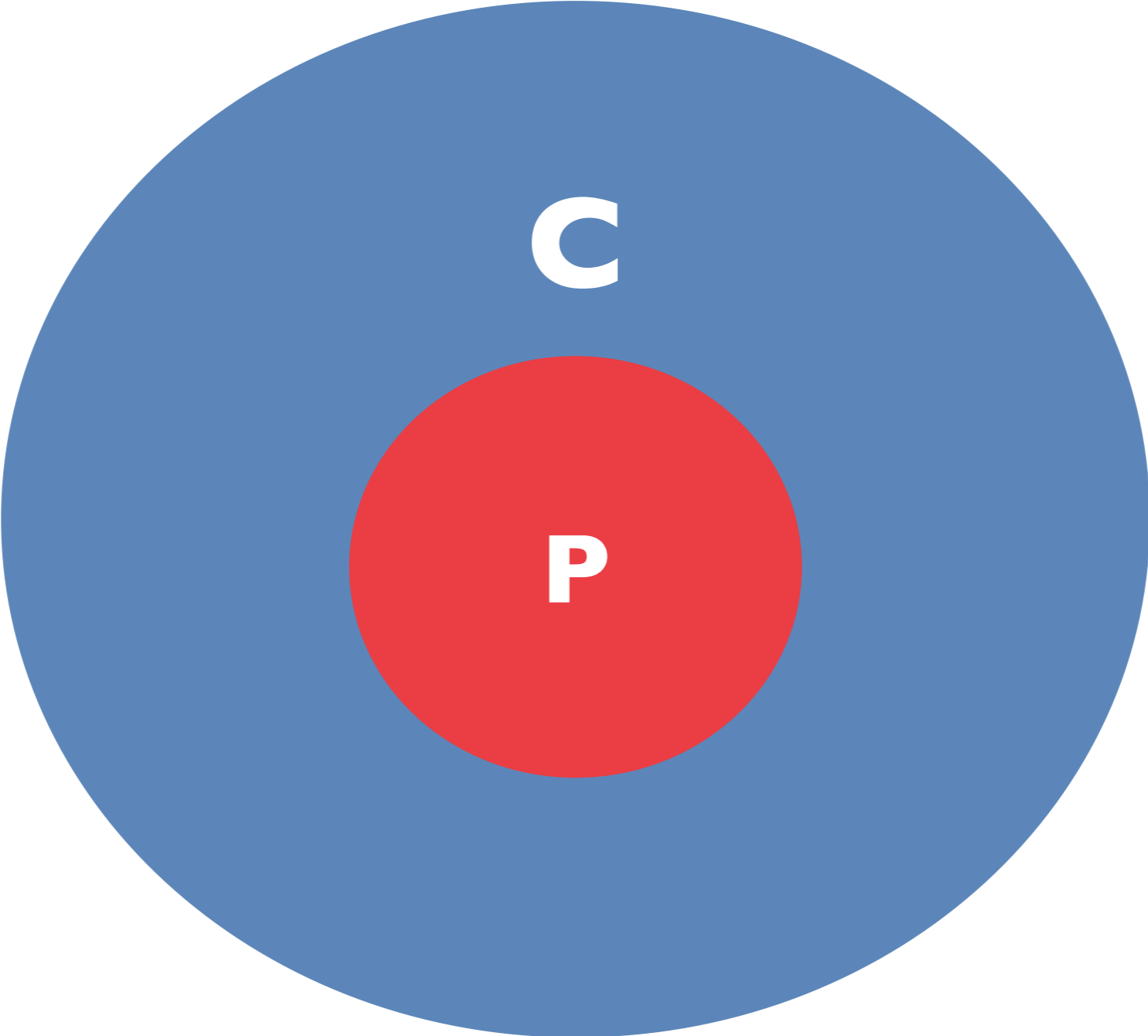
Class exercise:

Find the premise that infers the truth of C

Premise:



C: Peter is in Nagoya.



Fun Exercise!!
Solving Logical Puzzles

Puzzle 1:

Who is doing what?

Alonzo, Kurt, Rudolf, and Willard are four creative artists of great talent. One is a dancer, one is a painter, one is a singer, and one is a writer, though not necessarily in that order.

- (1) Alonzo and Rudolf were in the audience the night the singer made his debut on the concert stage.
- (2) Both Kurt and the writer have had their portraits painted from life by the painter.
- (3) The writer, whose biography of Willard was a best-seller, is planning to write a biography of Alonzo.
- (4) Alonzo has never heard of Rudolf.

What is each man's artistic field?

	Dancer	Painter	Singer	Writer
Alonzo	Yes	No	No	No
Kurt	By Finally, we can know that that Kurt is the Singer			
Rudolf	No	No	No	Yes
Willard	No	Yes	No	No

Try to make the following convincing:

I could not submit my assignment on Monday
because my computer broke down on Saturday.

My computer broke down on Saturday.

No direct relation!

I could not submit my assignment on Monday.

My computer broke down on Saturday.



The assignment must be done on a computer.



No other computer was available during the period.



My computer was not repaired in time.



I could not submit my assignment on Monday.



(Homework)

(i) Think about a paper that you are planning to write.

(ii) Develop a thesis statement for the paper.

(iii) Presenting your thesis statement on June 14.

Group Work

**Build a
preliminary thesis statement
based on the following keyword**

Education

Thank you very much!

Writing Is Thinking