

林盈廷

高雄醫學大學

生命科學院

生物科技學系 助理教授

第一教學大樓 N1038 室

校內分機：2792

ytlin@kmu.edu.tw

*Y. T. Lin's Presentation*

# *Biophysical Chemistry*

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# Lecture

## *More on Pattern (模式)*

多談一些模式

## THE SCIENTIFIC METHOD

- **The scientific method** - a systematic approach to the discovery of new information

### Characteristics of the scientific process

1. Observation
2. Formulation of a question
3. Pattern recognition
4. Developing theories
5. Experimentation
6. Summarizing information

## THE SCIENTIFIC METHOD

- **The scientific method** - a systematic approach to the discovery of new information

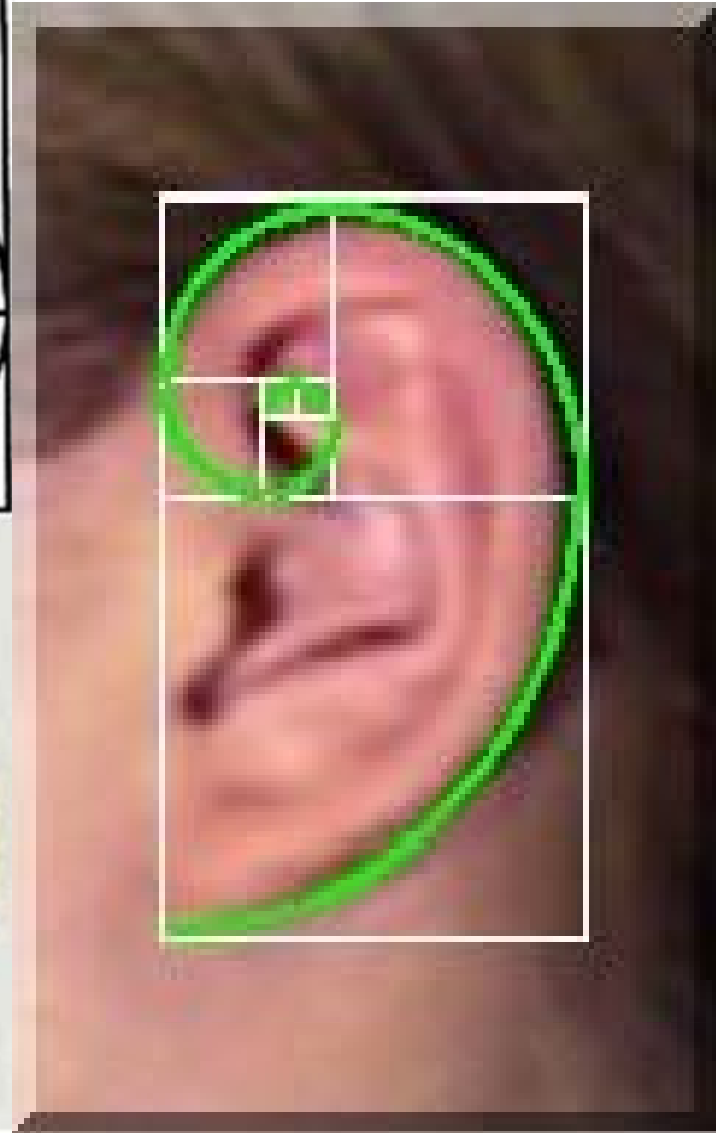
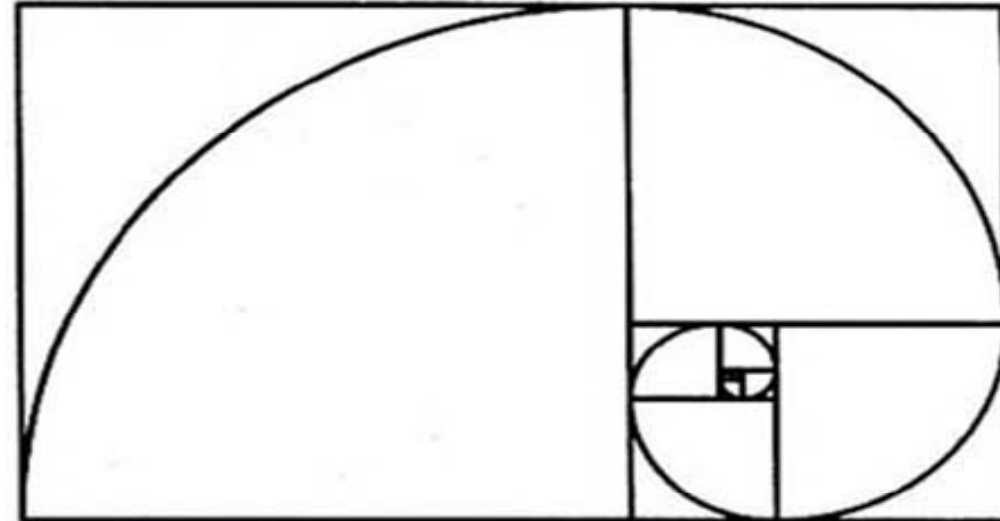
### Characteristics of the scientific process

1. Observation
2. Formulation of a question
3. **Pattern recognition**
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某些模式一樣代表什麼？

代表背後有某種共通法則

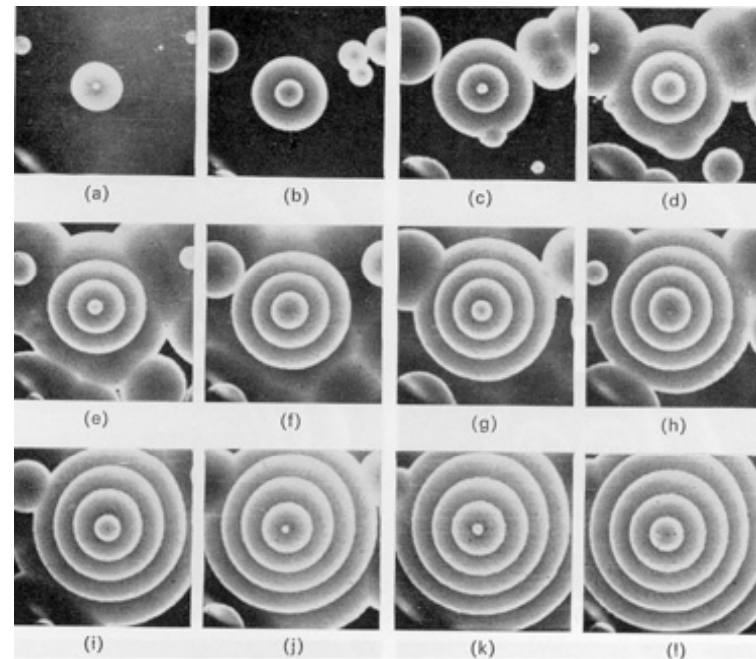
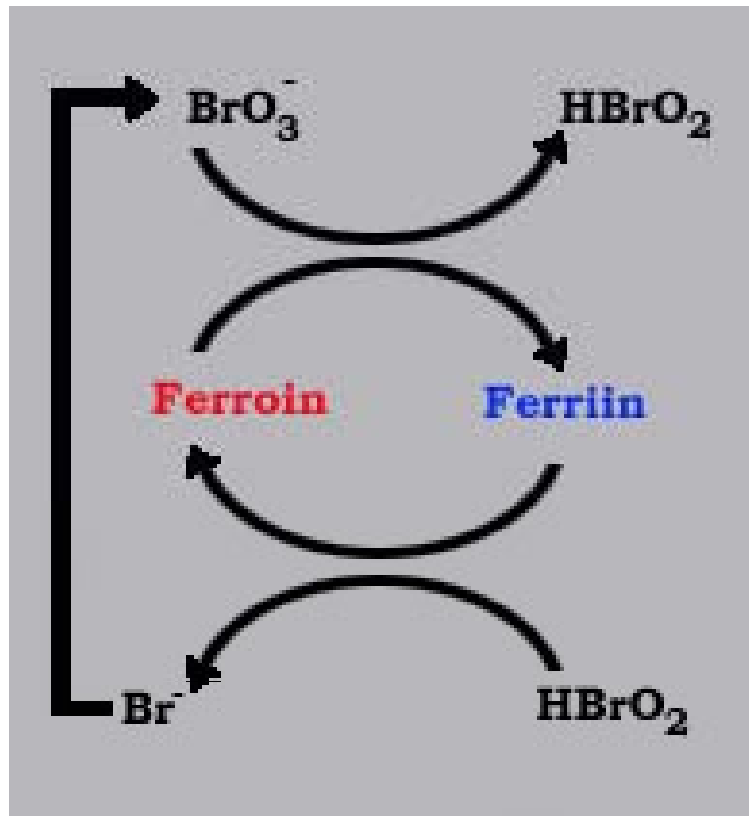
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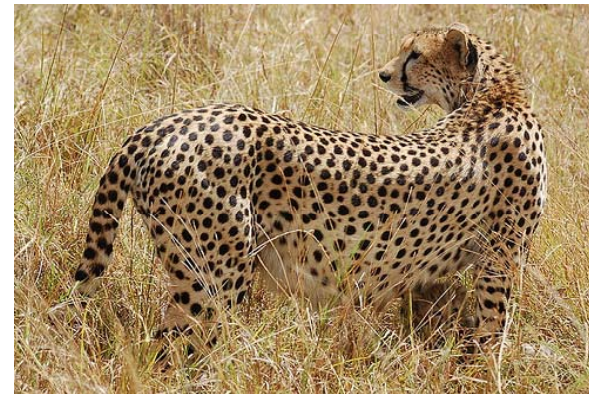
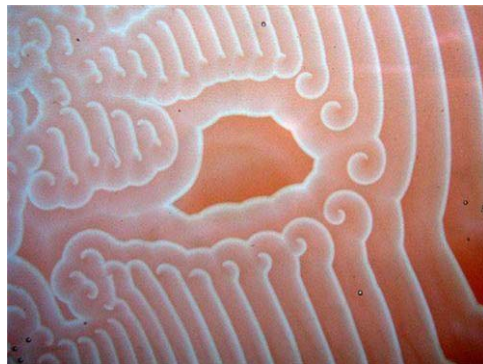
# Belousov–Zhabotinsky reaction



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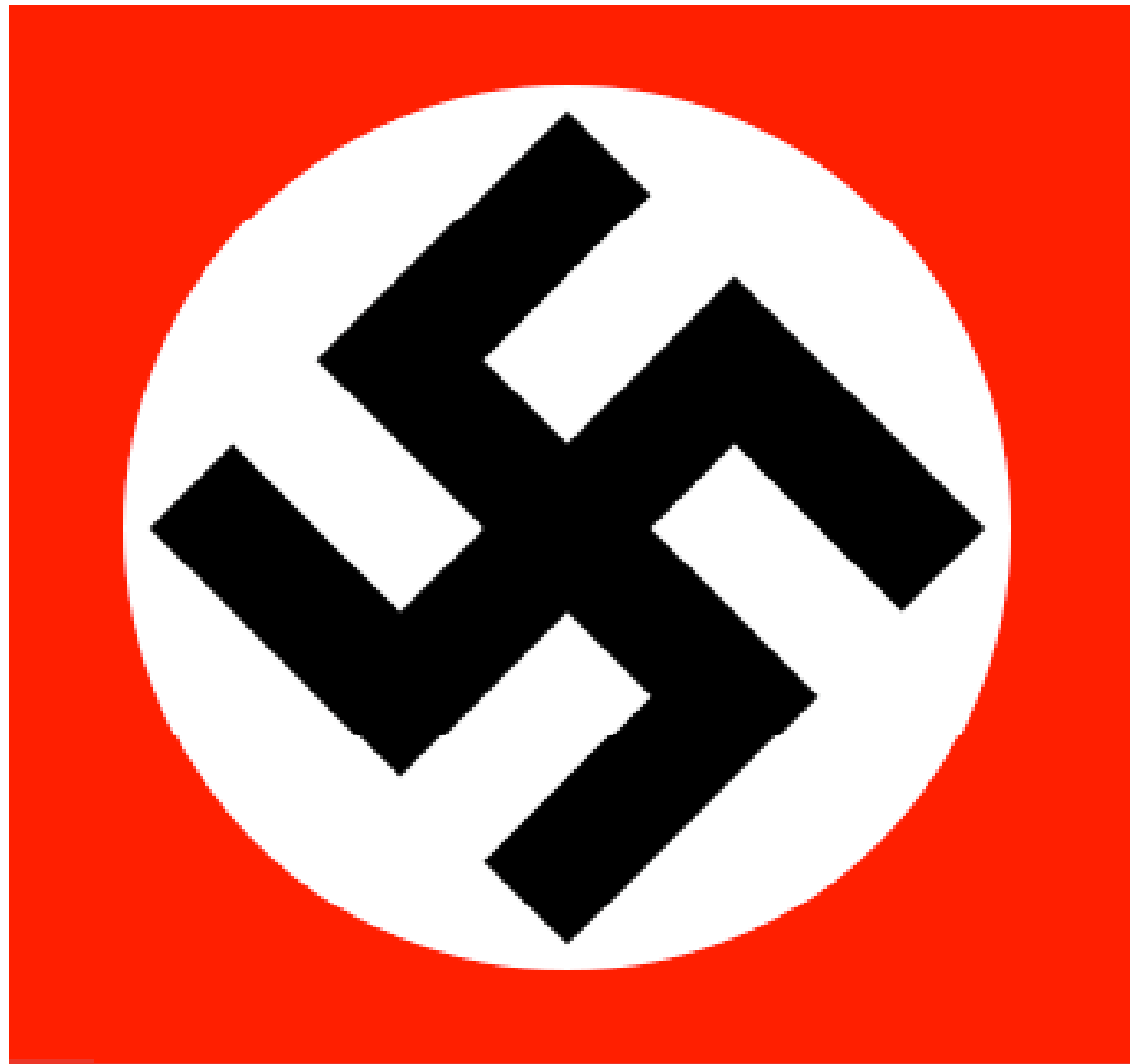
# Belousov–Zhabotinsky reaction



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Any Similar Pattern have a secret?

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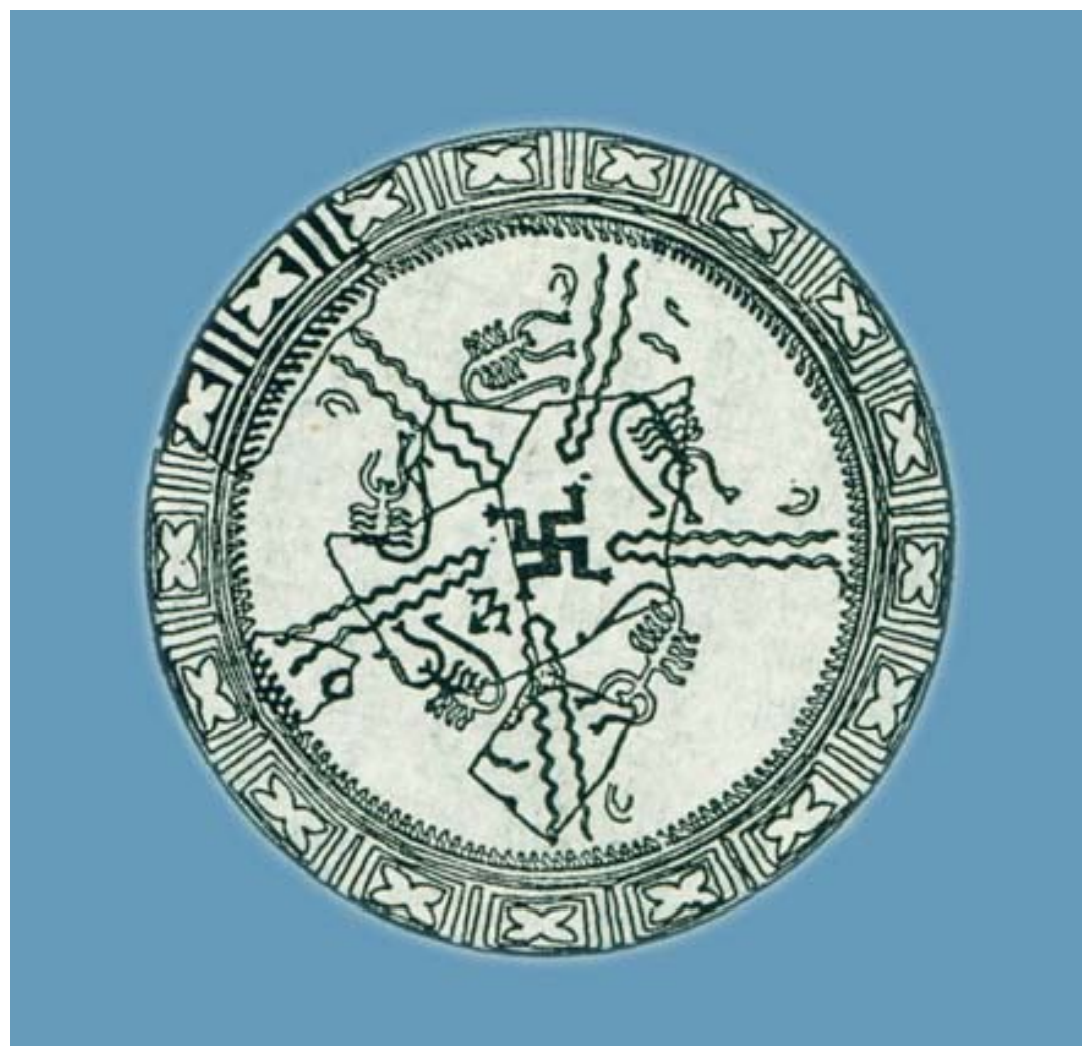
# 1939 German expedition to Tibet

[http://en.wikipedia.org/wiki/1939\\_German\\_expedition\\_to\\_Tibet](http://en.wikipedia.org/wiki/1939_German_expedition_to_Tibet)



Bundesarchiv, Bild 135-KA-10-072  
Foto: Krause, Ernst | 1938/1939

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# End of Lecture

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