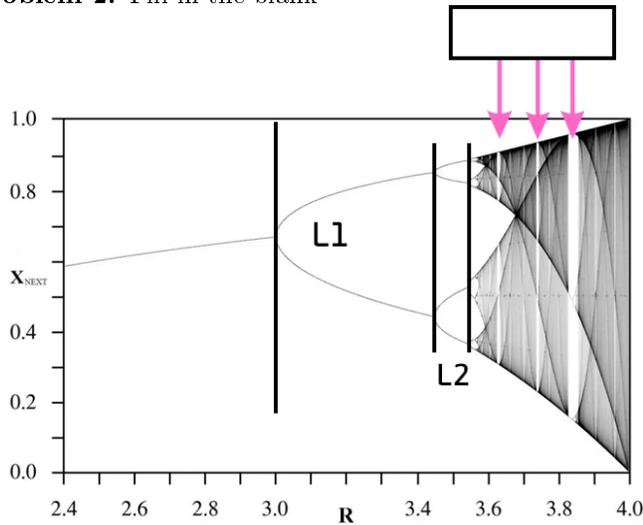


QUIZ 5

Problem 1. 1. Choose the OX

- 1) Newton's Principia marked the beginning of the study of complex systems.
- 2) Reductionism is phenomena which can be discovered in terms of other simulators or more fundamental phenomena that is contrary to the nature of complex science.
- 3) Edward Lorenz discovered a chaos phenomenon through weather models that produced large differences in results even in small initial conditions.
- 4) Complex system is system composed of many components which may interact with each other.

Problem 2. Fill in the blank



- : $L1/L2 = L3/L4 =$
 ----- : object is exactly or approximately similar to a part of itself
 ----- : process where some form of global overall order arises from local interactions between parts of an initially disordered system

Problem 3. Briefly describe an example of the complex system features of the brain presented in class.

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주제: 뇌를 복잡계로 보는 관점에 동의하는가?

자신의 주장을 서술하고 이를 다른 사람에게 납득시킬 수 있는 근거와 설명을 제시하시오.

나의 주장:

근거(1)	
근거 설명	
근거(2)	
근거 설명	
근거 설명	
근거 설명	