

连续

Continuity

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摘要 Abstract

连续和离散是认知和描述世界的一对方法。由于自身的特点和局限性，人类对现实世界的所有认知、描述和处理都是离散的，并且只能是离散的。

Continuity and discrete are a pair of methods for perceiving and describing the world. Due to its own characteristics and limitations, all human cognition, description and processing of the real world are discrete and can only be discrete.

关键词 Keywords

连续、离散
continuity、discrete

目录

CATALOG

摘要 Abstract	1
关键词 Keywords	1

1) 客观世界是连续的，认知是离散的。

The objective world is continuous, while cognition is discrete.

2) 语言是非连续的，决定一切认知都是离散的。

Language is discontinuous and determines that all cognition is discrete

3) 用离散的认知来界定认知对象的边界是造成认知混乱的根本原因。

Using discrete cognition to define the boundary of cognitive objects is the fundamental cause of cognitive confusion.

4) 认知的前提是认知离散度的界定。

The premise of cognition is the definition of cognitive dispersion.

5) 困难的不是连续的描述而是连续的处理。

It is not continuous description that is difficult but continuous processing.

6) 概率就是一个典型的离散思想。

Probability is a typical discrete idea.

7) 连续函数是无法连续处理的连续描述。

Continuous functions are continuous descriptions that cannot be processed continuously.

- 8) 线性和非线性是连续描述。人类目前的线性认知结果都是非线性的简化。

Linearity and nonlinearity are continuous descriptions. Current linear cognition results are nonlinear simplifications.

- 9) 近似可以提高离散处理的可能，却并不能将离散处理转化为连续处理。

Approximation can improve the possibility of discrete processing, but it cannot transform discrete processing into continuous processing.

- 10) 微积分是非线性问题的近似计算，并不能进行连续处理。

Calculus is the approximate calculation of nonlinear problems, and can not be processed continuously.

- 11) 拓扑学是对于连续的定性分析，并不是连续的定量计算。

Topology is continuous qualitative analysis, not continuous quantitative calculation.

- 12) 连续的意义在于使得点具有了大小。

Continuity is what gives a point a size.

- 13) 无限增加离散点并不能达到连续处理的目的。当点具有大小时，连续处理将无法回避。

Infinite addition of discrete points does not achieve the purpose of continuous processing. When the point has a size, continuous processing cannot be avoided.

14) 虚数为连续处理提出了空间模型。

A spatial model is proposed for continuous processing of imaginary numbers.

15) 时间是被离散认知的空间在认知中的连续映像。

Time is the continuous reflection of space in cognition which is discretized.

16) 量子所表现出来的各种现象正是具有大小的点的连续性特征。

The phenomena exhibited by quanta are precisely the continuity characteristics of points with size.

17) 波是连续认知，粒子是离散认知。波粒二象性是同一事物的连续和离散认知。

Waves are continuous cognition, particles are discrete cognition. Wave-particle duality is continuous and discrete cognition of the same thing.

18) 一旦事物的连续性被离散认知打断，就会发生双缝干涉或者薛定谔的猫这样的灵异现象。

Once the continuity of things is interrupted by discrete cognition, there will be a double slit interference or

Schrodinger's cat supernatural phenomenon.

19) 所谓的平行宇宙只是离散认知对连续的切片和再串联。

The so-called parallel universes are just slices and serials of discrete cognition.