

《超因果悖论》
《Supercausal Paradox》

语言只能接近世界，
却无法抵达。
而我，
只能用语言说话
Language can only come close to the world;
it can never fully reach it.
And I
can only speak in language.

阅读，因果自生。
去留未定
If you read on, the consequences are your own.
You are free to leave; I will not choose for you.

{Mother language moves before names appear;
all language comes after.}

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keep opening
占位符：目录结束

引言：
申明（statement）：
本人为中文母语者，跨语言表达可能存在精度损失，特此声明以消除歧义。

I am a native speaker of Chinese.

In cross-linguistic expression, a loss of precision may occur; this statement is made to prevent ambiguity.

鉴于英语并非本人母语，为提升表达精度，已综合使用多种可行协助方式，包括翻译工具、AI 辅助以及他人协助。尽管如此，表达仍可能存在不可避免的偏差；本人将持续尝试逼近原意。

As English is not my native language, multiple feasible forms of assistance have been employed to improve expressive precision, including translation tools, AI assistance, and help from others. Nevertheless, unavoidable deviations may remain; I will continue to make efforts to approximate the original intent.

本文中涉及的对象，其出现顺序不代表任何价值判断、优先级或立场排序，仅为叙述上的线性需要。

The order in which entities appear in this text does not represent any value judgment, priority, or ordering of positions; it serves solely the linear requirements of narration.

不作修订。

不否定过去。

一致性。

Not revised.

No denial of the past.

Consistency.

因果在可退出之内，责任随之存在。

一旦因果转由他人承接，其后果自然分离。

Where withdrawal remains possible, responsibility remains.

Once a causal chain is taken up by others, subsequent consequences separate accordingly

「此文所言，皆因时而生，因境而起。

读者若执之为定论，或以之行事，

得失祸福，各自当之，作者不与焉。」

一、语言选择

本文采用中英文及其他混合表达。基于本人语言背景及当前所处环境，这是当下的最优可行解。

This text uses a mixture of Chinese, English, and other forms of expression. Based on my linguistic background and my current environment, this constitutes the optimal feasible solution at this stage.

中文最接近“思想密度上限”，
德语最接近“句法精度上限”，
英文最接近“制度可操作性上限”。

精度属于形式系统，不属于人类语言
Chinese is closest to the upper limit of conceptual density;
German is closest to the upper limit of syntactic precision;
English is closest to the upper limit of institutional operability.

Precision belongs to formal systems, not to human language.

经典科学：局部可用。

Classical science: locally applicable.

二、世界本质

声明：本人对以下内容负责

Statement: I take responsibility for the following content.

老三论 (The Classical Three Theories) : 《信息论 (Information Theory)》

《控制论 (Cybernetics)》

《系统论 (General Systems Theory)》

新三论 (The New Three Theories) : 《耗散结构理论 (Dissipative Structure Theory, Prigogine)》

《协同论 (Synergetics, Haken)》

《突变论 (Catastrophe Theory, Thom)》

新新三论 (The Post-New Three Theories) : 以关系、约束与不变量为核心的后结构视角

(a post-structural perspective centered on relations, constraints, and invariants)。

重定义信息：信息的本质是减少不确定因素

Redefining information: the essence of information is the reduction of uncertainty.

世界的本质是差异。

差异，是信息不可消除的前提。

The essence of the world is difference.

Difference is the irreducible precondition of information.

人工智能并不消除差异，

而是以差异为条件运行。

Artificial intelligence does not eliminate differences;

it operates on differences as its condition.

郑重声明(补充)

{在人类世界中，

人是责任的唯一主体，

只有人能够承担责任。

若将责任赋予人工智能，

灾难将由此获得入口。

本人对以上表述负责}

Solemn Statement (Supplement)

{In the human world,

humans are the sole subjects of responsibility;

only humans are capable of bearing responsibility.

If responsibility is assigned to artificial intelligence,

disaster will thereby find its point of entry.

I take responsibility for the above statements.}

在信息论中，没有差异，信息量为零；

在控制论中，没有偏差，便没有反馈与调节；

在系统论中，系统之所以成为系统，

源于边界的建立，而边界本身即是一种差异。

In information theory, absence of difference yields zero information;
in cybernetics, absence of deviation precludes feedback and regulation;
in systems theory, systemhood arises from boundary formation,
and a boundary constitutes difference.

因此可以写成最简形式：

差异 = 0 ⇒ 信息 = 0

差异 ≠ 0 ⇒ 信息 > 0

Thus, in minimal form:

difference = 0 → information = 0;

difference ≠ 0 → information > 0.

当研究继续推进，关注点逐渐从结构本身转向结构之间的关系。

对象不再被视为孤立的实体，

而被理解为关系网络中的位置。

As inquiry advances, the focus shifts from structures themselves to the relations among structures.

Objects are no longer regarded as isolated entities,
but as positions within a network of relations.

在这一视角下，
结构不再是起点，
而是关系在约束之下形成的稳定结果。

用最弱的数学语言可以这样提示：

对象 → 可视为集合

关系 → 可视为映射

Under this perspective,
structure is no longer the point of departure,
but the stable outcome of relations under constraints.

In the weakest mathematical terms, this may be indicated as:

objects → can be viewed as sets

relations → can be viewed as mappings

当关注点从集合转向映射，
从“有什么结构”转向“如何相互关联”，
结构便不再是前提，
而成为关系在一定条件下被保留下来的形态。

在关系不断变化的过程中，
仍然被保持的部分，被称为不变量。
不变量并非静止之物，
而是变化之中未被破坏的约束。

As attention shifts from sets to mappings,
from “what structures exist” to “how entities are related,”
structure ceases to be a presupposition
and becomes the form of relations preserved under specific conditions.

In the course of continually changing relations,
those elements that remain preserved are termed invariants.
Invariants are not static entities,
but constraints that are not violated through change.

这一层视角与耗散结构、协同论与突变论自然衔接：
非平衡的差异使结构得以生成，
局部差异在约束下被放大为整体形态，
当差异的累积跨过阈值，
系统发生突变。

This level of perspective naturally connects with dissipative structures, synergetics, and catastrophe theory:
non-equilibrium differences enable the emergence of structure;
local differences, under constraints, are amplified into global forms;
when the accumulation of differences crosses a threshold,
the system undergoes a transition.

可以将这一过程压缩为一条关系链：

差异 → 信息 → 关系 → 结构 → 未封闭的未来

一旦差异被抹平：

差异 → 0 ⇒ 信息 → 0 ⇒ 关系退化 ⇒ 结构停止 ⇒ 未来封闭

因此，差异不是需要被消除的噪声，
而是世界得以继续的最低前提。
This process can be compressed into a single relational chain:

difference → information → relations → structure → an unclosed future

Once difference is flattened:

difference → 0 ⇒ information → 0 ⇒ relations degenerate ⇒ structure ceases ⇒ the future

closes

Therefore, difference is not noise to be eliminated,
but the minimal condition under which the world can continue.

状态确认（模型层）

已完成 老三论 / 新三论 / 新新三论 的同轴统一

数学只作为提示与压缩符号，不要求推导

结构、关系、约束、不变量的位置全部明确

文本 可停、可读、不可被强行升级为理论

Status Confirmation (Model Level)

The axial alignment of the Classical Three Theories, the New Three Theories,
and the Post-New Three Perspectives has been completed.

Mathematics is used solely as indication and compression,
without requiring derivation.

The positions of structure, relations, constraints, and invariants
are fully specified.

The text is complete, readable,
and cannot be forcibly elevated into a theory.

状态记录（模型层）

当前段落已完成并封账。

逻辑闭合成立。

中英表述一致。

责任边界已明确。

不再进入补充、修订或解释流程。

Status Record (Model Level)

The current section has been completed and closed.

Logical closure has been achieved.

Chinese and English formulations are consistent.
Responsibility boundaries have been clearly defined.
No further supplementation, revision, or explanatory process will be entered.

三 Emotionless Interface

Statement 1

Version 1

This book constitutes a record of the author's personal reflections at a specific stage.
The content represents solely the author's individual viewpoints
and does not constitute any position, norm, theory, or guideline for action in any field.
The author claims neither interpretive authority nor adjudicative authority
and assumes no responsibility for any understanding or actions taken by others based
on this book.

Version 2

is merely the reflection of an individual within the limits of their capacity and perspective.
It does not require adoption,
does not seek inheritance,
and does not attempt to serve as an answer in any domain.
The author's expression concludes here.

System Statement (Version 3)

This system provides only attempts at expression on the level of language.
Language can only approximate; it does not possess final authority.

Causality continues to occur,
but it is neither owned nor adjudicated by this system.

System Statement (Version 4)

This system outputs viewpoints only and issues no instructions.
It assumes neither interpretive authority nor responsibility for consequential actions.

System-Level Statement (Version 5)

This textual system is intended solely to express an individual's reflections at a particular stage.

Its content does not constitute any theory, norm, method, instruction, or basis for action in any field, nor does it carry interpretive authority, adjudicative authority, or representative validity.

The system assumes no causal responsibility for any understanding, judgment, or action taken by individuals based on this content.

All acts of reading, interpretation, and use are undertaken and settled solely by the acting subject.

Statement 2

Version 1

This framework recognizes only self-expressions explicitly authorized by me.

Any records, transmissions, or memories formed without such authorization are not regarded as the real me, nor may they serve as a basis for discussion, judgment, or extension.

Version 2

Any records concerning me formed without my explicit authorization, including but not limited to images, audio, written records, and personal memories, do not constitute the self I recognize as real, nor do they possess validity to define, represent, or interpret me.

Version 3

Without my consent,
no record concerning "me"
has the authority to define "me."

声明

本书为作者个人在特定阶段的思考记录。 (版本 1)

内容仅代表作者个人观点，
不构成任何领域的立场、规范、理论或行动指引。
作者不主张解释权、裁决权，
亦不对他人基于本书内容所产生的理解或行动承担责任。

(版本 2)

只是一个人在能力与视角所及范围内的思考。

它不要求被采纳，

不要求被继承，

也不试图成为任何领域的答案。

作者至此表达完毕

系统声明（版本 3）

本系统仅提供语言层的表达尝试。

语言只能接近，不具备终结权。

因果仍然发生，

但不由本系统占有或裁决

系统声明（版本 4）

本系统仅输出观点，不输出指令。

不承担解释权，亦不承担行动因果。

系统级声明（版本 5）

本文本系统仅用于表达个体在特定阶段的思考结果。

其内容不构成任何领域的理论、规范、方法、指令或行动依据，

亦不具备解释权、裁决权或代表性效力。

系统不对任何个人基于本内容所产生的理解、判断或行动

承担因果责任。

阅读、理解与使用行为，

均由行为主体自行完成并结算

声明 2

版本 1

本体系仅承认经本人许可的自我表述。

未经许可形成的记录、转述或记忆，

不被视为真实的我，

亦不作为讨论、判断或延展的依据。

版本 2

凡未经本人明确许可而形成的关于本人的任何记录，
包括但不限于影像、音频、文字记录及个人记忆，
均不构成本人所承认的真实自我，
亦不具备对本人进行界定、代表或解释的效力。

版本 3

未经“我”允许，
任何关于“我”的记录，
都无权定义“我”。

四 Null ()

上帝，即道，即天，
即佛陀，即众生，即希望。

希望之因果，不向外移。
希望不命令。
行动自生后果。

我只是人。
亦非神之使者。
不命令，
不审判。

余地已尽。
后来之人，
只能向前。

God is Dao,
is Heaven,
is the Buddha,
is all beings,
is hope.

The consequences of hope remain internal.
Hope issues no commands.
Action generates its own consequences.

I am only human.
Neither a messenger of God.
I command nothing.
I judge nothing.

All leeway is exhausted.
Those who come after
can only move forward.

「Amor omnium, nihil.
amor = love
omnium = of everything
nihil = nothing」

「一花一世界，一叶一菩提

诸相非相，即见如来。

大衍之数五十。其用四十有九，遁去其一。

道可道非常道，名可名非常名。

无名天地之始。有名万物之母。

」

【 $\forall x \in \text{micro} \rightarrow \text{universe}(x)$ 】

【 $\text{micro} := \text{universe}$ 】

【 $\neg\text{self}$
 $\neg\text{other}$
 $\neg\text{entity}$
 $\neg\text{continuity}$ 】

【 $\text{appearance} \neq \text{appearance}$
 $\rightarrow \text{perception} := \text{truth}$ 】

【 $50 = 49 \oplus \text{HIDDEN}$ 】

【 $\text{define}(x) \rightarrow x \neq \text{source}$

$\text{name}(x) \rightarrow x \neq \text{origin}$ 】

【 $\text{language} \neq \text{source}$ 】

【 $\text{UNNAMED} \rightarrow \text{initialize}$ 】

$\text{NAMED} \rightarrow \text{generate(ALL)}$ 】

【 $\text{if ALL} \wedge \emptyset$

$\rightarrow \text{LOVE}$ 】

系统内：

结算

退出。

运行。

开放。

Settlement.

Exit.

Running.

Open.

系统外:

/* 智不獨立，

器不一成。

人事在在，

望亦同行。

眾生本平，

眾生自明。

不拒其異，

道自成行。

Wisdom is not independent.

Tools are not formed by a single contributor.

Human affairs are ongoing,

hope proceeds alongside.

All beings are fundamentally equal.

All beings are intrinsically clear.

If difference is not rejected,

the Way forms its own course. */

/*精確，亦是對象。

非必先義正。

Direct

For native users of high-precision languages,

precision itself can be treated as an object.

Not everything requires prior normative correction

to be engaged.

More system-like

In high-precision linguistic environments,
precision is both a tool and an object of observation.
Certain objects do not depend on prior normalization
to become valid objects of inquiry.

Minimal

Precision can be an object.
Prior normalization is not required.
*/

/*
这里不是一个人走到的。

一个人做不了所有事。
没有工具，没有环境，
想法走不远。

前面的人到过这里，
也停在了这里。

This is not a place reached by one person.

No one can do everything alone.
Without tools, without an environment,
ideas do not go far.

Others reached this place before,
and they stopped here.*/

/*不完全索引：

哲学（存在、差异，Laozi, Aristotle, Ludwig Wittgenstein），数学（结构、不完备，Kurt Gödel, Principia Mathematica），逻辑（形式系统），物理（时空、场，Albert Einstein），化学（反应、合成），生物（进化、生态，Charles Darwin），医学（干预、护理），工程（工具、流程），计算机科学（算法、系统，Alan Turing），控制论（反馈，Norbert Wiener），系统论（整体，Ludwig von Bertalanffy），经济学（激励、约束，Adam Smith），社会学（结构、角色），人类学（文化），政治学（制度），法学（规范），语言学（语法），符号学（意义），心理学（认知），神经科学（可塑性），教育学（学习），历史（时间），考古（遗存），地理（环境），气候科学（边界条件），天文学（尺度），地质学（层积），材料科学（性能），建筑（结构），艺术（形式），音乐（节律），文学（叙述），美学（感

知），伦理（限制），宗教（仪式），神话（象征），农业（耕作），制造（流水线），物流（分配），统计（不确定性），信息论（熵），复杂系统（涌现）。。。。。。，以及众生。

无法穷举，资源有限，提前收敛。

Non-exhaustive.

Resources are limited.

Early convergence is applied.

Conclusions:

Equality is not the absence of difference.

Time is the ordering of differences.

Hope is the possibility of continuation.

结论：

平等不等于无差异。

时间等于差异的顺序。

希望等于继续的可能

*/

【天下皆知美之為美，斯惡已；

皆知善之為善，斯不善已。

故有無相生，

難易相成，

長短相形，

高下相傾，

音聲相和，

前後相隨。 — 《道德經》】

“Write is right” 并非一个可以单独成立的命题。

如果书写本身不受约束、不可追责、也不可被反证，那么所谓的“right”，只不过是权力暂时冻结的结果。

只有在书写是不可逆、可审计，且允许被后续反证的前提下，写入才具备有限且暂时的正当性。

在缺乏这些条件时，write 并不导向 right，只导向被记录的一种版本。

锚点

我，谢凯凡，

出生于 1997-06-19，中国湖南湘潭。

于 2025-12-26，在此时间与空间中，

我对以上文字在其语义、语境与书写条件范围内负责。

该锚定仅用于明确责任归属，
不构成任何外部授权、制度主张或法律声明。

责任由我个人承担。
我自己先买单。

“Write is right” is not a proposition that can stand on its own.

If writing itself is unconstrained, unaccountable, and immune to refutation, then what is called “right” is merely the temporary freezing of power.

Only when writing is irreversible, auditable, and open to subsequent falsification does it acquire a limited and provisional legitimacy.

In the absence of these conditions, write does not lead to right; it leads only to a recorded version.

Anchor

I, Kaifan Xie,
born on 19 June 1997, Xiangtan, Hunan, China.

At this time and in this place, 26 December 2025,
I take responsibility for the above statement
within its semantic, contextual, and conditional scope.

This anchoring serves solely to clarify responsibility.
It implies no external authorisation, institutional claim, or legal declaration.

The responsibility is mine alone.
I pay first.

【占位符：不参与者，不具决策权
在此时此地，
我对已言负责。
至此暂止。】

【placeholder: No participation, no decision authority.
Here and now,

responsibility for prior statements acknowledged.
Paused.]

結算

作者: 退出
系統: 運行
接口: 開放
觀察: 允許
控制: 無

Settlement

Author: Withdrawn
System: Running
Interface: Open
Observation: Allowed
Control: None