

驭模有道 智胜未来

Guide the model with wisdom surpassing the future

大 模 型 助 力 智 能 化 变 革

Foundation model facilitate the intelligent transformation

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吉利汽车 GEELY AUTO

基于用户体验驱动技术价值创造，使智能化设计回归理性

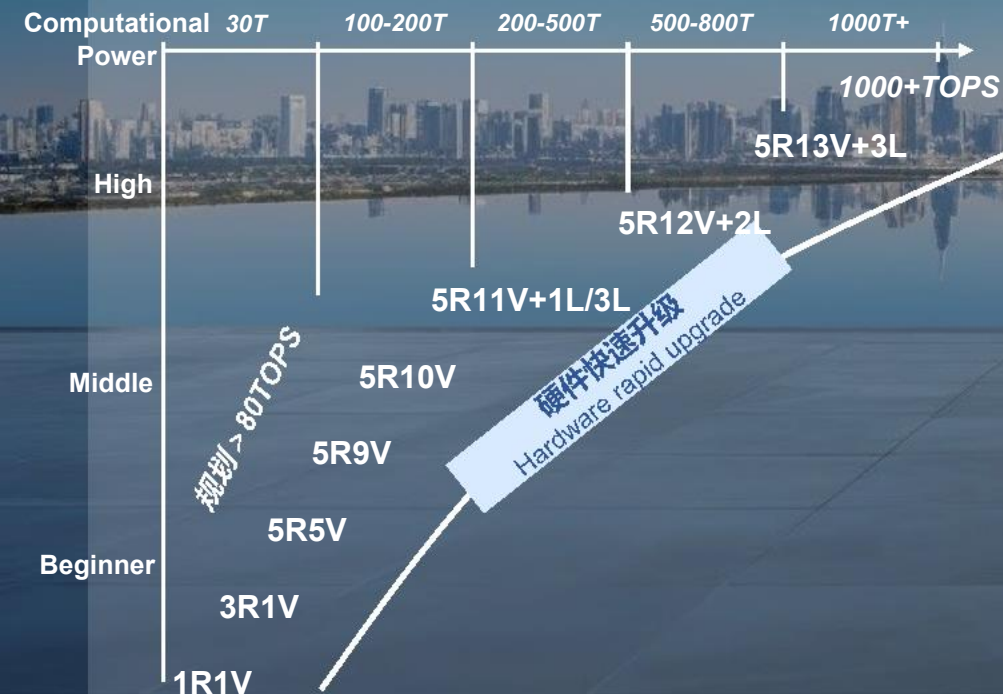
Create technological value driven by user experience, bringing intelligent design back to rationality.

由粗犷的硬件驱动体验转向数据算法驱动体验

Shifting from a raw hardware-driven experience to a data algorithm-driven experience.

硬件驱动体验

Hardware-driven experience



技术驱动创新
Technology-driven innovation

系统集成化
System integration

AI算法迭代
AI algorithm iteration

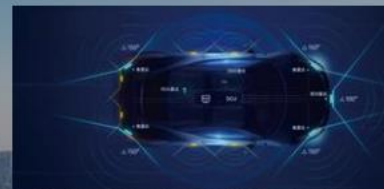
数据闭环
Data Closure Loop

大模型
Foundation model

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数据算法驱动体验

Data-driven experience algorithms

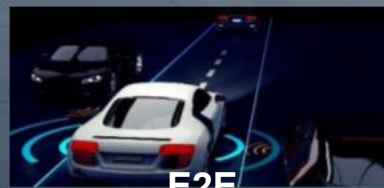


去硬件

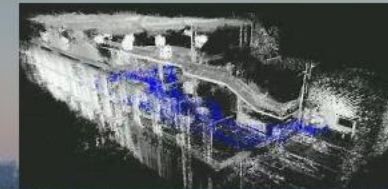
Hardware reduction



BEV



E2E



轻地图

Reduce high-precision



ODD increase



More...

大模型发展核心四要素:3+1

The four core elements of the development of foundation models: 3+1

人工智能时代：涌现式 + 继承式
Artificial Intelligence Era: Emergent + Inherited

数据
Data

算力
Computational Power

算法
Algorithm

先验知识
Previous Knowledge



□ 大数据平台
Big Data Platform

□ 星睿智算中心
Xingruizhan Intelligence Computing Center

□ LLM / Multimodal Model
□ AI-DRIVE 智能驾驶大模型
□ AI-DRIVE Intelligent Driving Foundation Model

□ 汽车行业的知识积累
Knowledge Accumulation in the Automotive Industry

大模型助力智能化变革

Foundation models boost the intelligent transformation

丰富的生成内容

Rich Generative Content



全新的交互体验

Completely new interactive experience



先进的生产力工具

Advanced productivity tools



新的开发范式

New development paradigm



□ 大语言模型
□ LM 多模态模型 Mult
□ imodal model

□ GUI+MUI
□ VUI+NUI

□ 代码生成 Co de Gen erat io
□ 摘要生成 /知识问答 Abst ract
gen erat io n /Kn owled ge Q&A

□ + LM
□ LM
+

Battle of a Hundred Molds

Battle of a Hundred Molds

與E

字节跳动飞书“MyAI”

ChatGPT-130B

GP-4

网易伏羲大模型

出门问问序列猴

达摩院八卦阵

BELLE-13B

ChatGLM-6B

阿里通义千问

MOS-16B

大卷

中國

古盛

京东言犀大模型

T90 大

1906

商汤日日新

文心

昆仑天工大模型

腾讯混元大模型

XLNet

BELLE-13B

ALBERT

MinMax-abab5

IDEA-姜子牙-13B

同

Hal

medGp

Vicuna-13B

新方

容人

2003 年为

新商·新龍

用户场景决定技术价值

User scenarios determine the value of technology

我们需要大模型！

We all need foundation models

我们都需要大模型吗？

Do we all need foundation models?

新技术是来解决问题的或创造价值增量的

New technologies are developed to solve problems or to create incremental value.

产品需要有市场和价值定位

The product needs to have a market and value positioning

智能驾驶大模型应用

Applications of the foundation model on autonomous driving

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以上内容仅为本文档的试下载部分，为可阅读页数的一半内容。
如要下载或阅读全文，请访问：<https://d.book118.com/9580240>

智能驾驶核心要素 Key Elements of Intelligent Driving

安全：安全≠安全感
Safety: Safety ≠ Sense of Safety



□ 智能驾驶长尾效应带来的安全困境

Safety Dilemma Caused by the Long Tail Effect of Intelligent Driving.

□ 感知大多数还停留在标注阶段，缺少认识能力
Most perception remains in the annotation stage, lacking cognitive ability.

体验：有没有≠好不好
Experience: Presence ≠ Quality



□ 在复杂道路和拥堵的交通流条件下，接管率高
High takeover rate in complex road and congested traffic conditions.

□ 智能驾驶体验未实现全驾驶场景覆盖，体验不连贯
Incomplete coverage of driving scenarios in intelligent driving experience, leading to inconsistent experiences.

成本：去冗余≠去体验
Cost: Redundancy ≠ Experience



□ 大量冗余传感器及技术，系统成本居高不下
High system costs due to redundant sensors and technologies.

□ 大规模的数据采集标注、软硬件设计开发
Large-scale data collection, annotation, software, and hardware design and development.

数据驱动模型迭代和体验升级

Data-driven model iteration and experience enhancement