# Article information:

GPT-4大模型硬核解读，看完成半个专家-36氪  
<https://www.36kr.com/p/2196628560234373>

# Article summary:

1. GPT-4 is a multimodal model that can generate response text for graphic and text multimodal input, as well as classify, analyze and extract hidden semantics for visual elements.

2. Emergent abilities are the key characteristic of large language models, allowing them to automatically learn and discover higher-level features and patterns from training data without human intervention.

3. The thinking chain is another core competency emerging from big language models, allowing them to prompt language models with a series of intermediate natural language reasoning steps, improving their performance on reasoning tasks.

# Article rating:

Appears moderately imbalanced: The article provides some useful information, but is missing several important points or pieces of evidence that would be required to present the discussed topics in a balanced and reliable way. You are encouraged to seek a more balanced perspective on the presented issues by exploring the provided research topics and looking at different information sources.

# Article analysis:

由于这篇文章是一篇科技解读文章，其主要目的是介绍GPT-4的核心技术和应用前景。然而，在阅读过程中，我们可以发现一些潜在的偏见和不足之处。

首先，文章对GPT-4的优点进行了大量宣传，但很少提及其缺点或潜在风险。例如，在讨论GPT-4的新能力时，作者没有提到可能会出现错误答案或输入干扰等问题。此外，文章也没有探讨GPT-4可能带来的道德、隐私和安全问题。

其次，文章似乎只关注了OpenAI等人工智能巨头对GPT-4的评价和研究成果，并未涉及其他学者或机构对该模型的评价和研究。这可能导致文章呈现了片面的观点，并忽略了其他可能存在的观点。

此外，在介绍GPT-4的核心技术时，文章使用了大量专业术语和公式，并未进行充分解释或科普。这可能使非专业读者难以理解文章内容。

最后，虽然作者自称为AI/storage-computing integration expert并曾担任华为自然语言处理公司首席科学家，但他并未提供足够证据证明自己的专业资质和研究成果。这可能会影响读者对文章内容的信任度。

综上所述，虽然这篇文章提供了一些有价值的信息和见解，但其存在一些潜在偏见和不足之处，需要读者保持批判性思维并寻找其他来源的信息来进行比较和分析。

# Topics for further research:

* Potential risks and ethical concerns of GPT-4
* Alternative perspectives on GPT-4 from other scholars and institutions
* Simplification and clarification of technical terms and formulas
* Verification of author's professional qualifications and research achievements
* Critical thinking and analysis of the article's content
* Seeking additional sources of information for a more comprehensive understanding.

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