# Article information:

格子玻尔兹曼方法（LBM）-知名学者/资源 - 知乎
<https://zhuanlan.zhihu.com/p/157440948>

# Article summary:

1. Lattice Boltzmann Method (LBM) is a promising numerical simulation method that differs from traditional methods like MD and traditional Computational Fluid Dynamics (CFD).

2. Understanding the predecessors and scholars in the field of LBM can benefit learners greatly in the process of learning.

3. The article lists 14 well-known scholars in the field of LBM, including their affiliations and contributions to the field, as well as online resources for further learning.

# 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:

作为一篇介绍格子玻尔兹曼方法的文章，该文提到了许多在该领域内有影响力的学者和资源。然而，该文存在以下问题：

1. 偏袒：该文只列举了少数几位学者，而没有提及其他同样有影响力的学者。这可能是因为作者对这些学者不熟悉或偏袒某些学者。

2. 片面报道：该文只介绍了格子玻尔兹曼方法的优点和相关学者，而没有提及其缺点或争议点。这可能会给读者留下不完整或误导性的印象。

3. 缺失考虑点：该文没有涉及格子玻尔兹曼方法在实际应用中可能遇到的问题，如计算效率、精度等方面。这可能会使读者对该方法的实际应用产生误解。

4. 宣传内容：该文中提到了一些教材和代码资源，但未说明它们是否开源或是否需要付费获取。这可能会误导读者认为这些资源是免费获取的。

5. 未探索反驳：该文中提到了一些学者和他们所做出的贡献，但未探讨任何反对意见或批评。这可能会使读者认为格子玻尔兹曼方法是毫无争议的。

总之，尽管该文提供了一些有价值的信息和资源，但它也存在一些潜在问题和偏见。读者应当保持批判性思维并寻找更全面、客观的信息来源。

# Topics for further research:

* Other influential scholars in lattice Boltzmann method
* Limitations or controversies of lattice Boltzmann method
* Practical issues in applying lattice Boltzmann method
* Availability and cost of textbooks and code resources mentioned
* Criticisms or opposing views on lattice Boltzmann method
* Seeking more comprehensive and objective information on lattice Boltzmann method

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