# Article information:

Sci-Hub | Improved double-multiple-streamtube approach for H-Darrieus vertical axis wind turbine computations. Energy | 10.1016/j.energy.2019.06.083  
<https://sci-hub.se/10.1016/j.energy.2019.06.083>

# Article summary:

1. 本文介绍了一种改进的双重多流管方法，用于计算H-Darrieus垂直轴风力涡轮机。这种方法可以更准确地预测风力涡轮机的性能和效率。

2. 研究人员通过数值模拟和实验验证了改进的方法，并与传统的单流管方法进行了比较。结果显示，改进的双重多流管方法在预测风力涡轮机性能方面具有更高的准确性和可靠性。

3. 这项研究对于提高风力涡轮机设计和优化过程中的计算精度非常重要。它为工程师们提供了一种有效的工具，可以更好地理解和改善垂直轴风力涡轮机的性能。

# Article rating:

May be slightly imbalanced: The article presents the information in a generally reliable way, but there are minor points of consideration that could be explored further or claims that are not fully backed by appropriate evidence. Some perspectives may also be omitted, and you are encouraged to use the research topics section to explore the topic further.

# Article analysis:

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