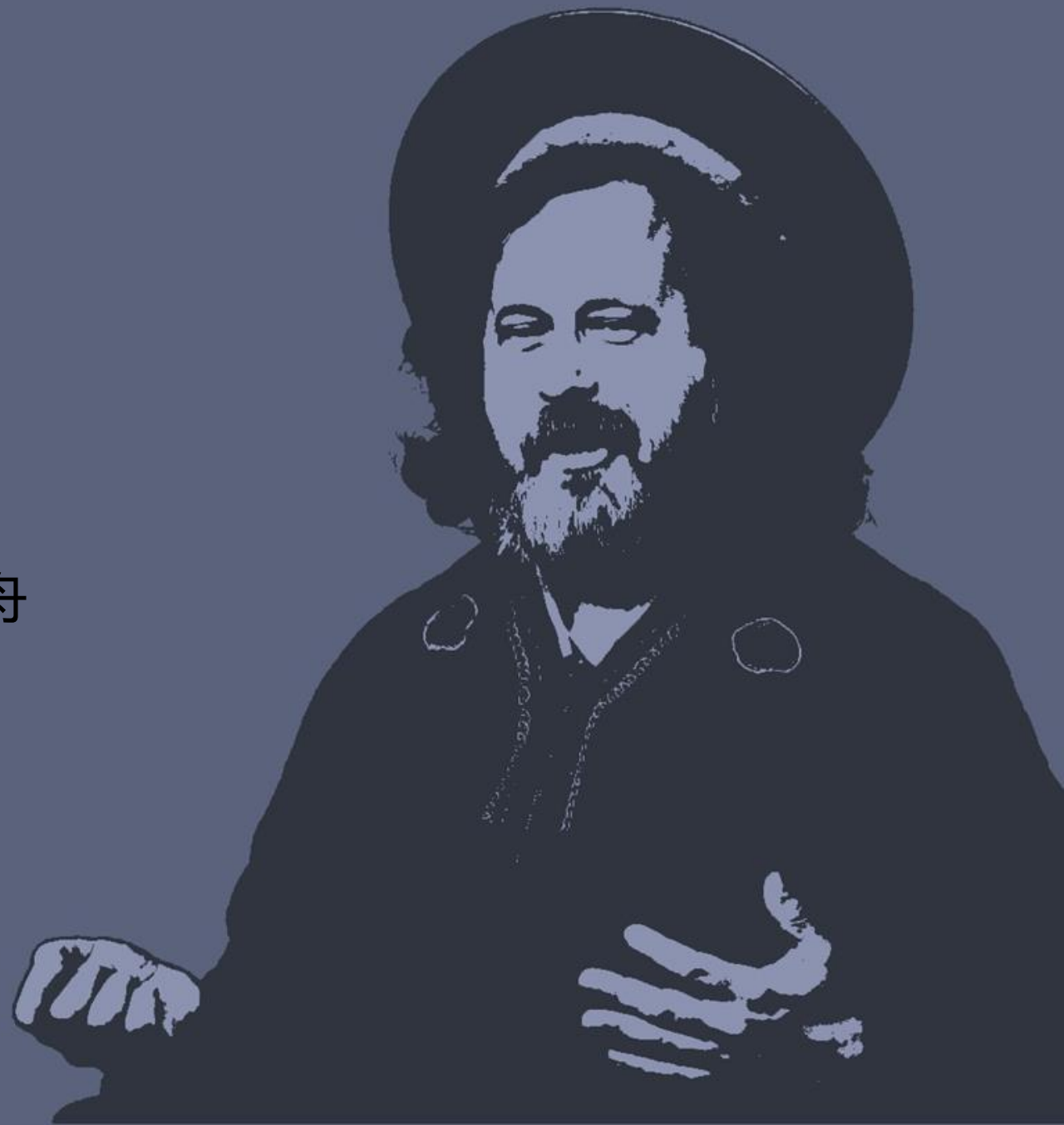
量子波动速读

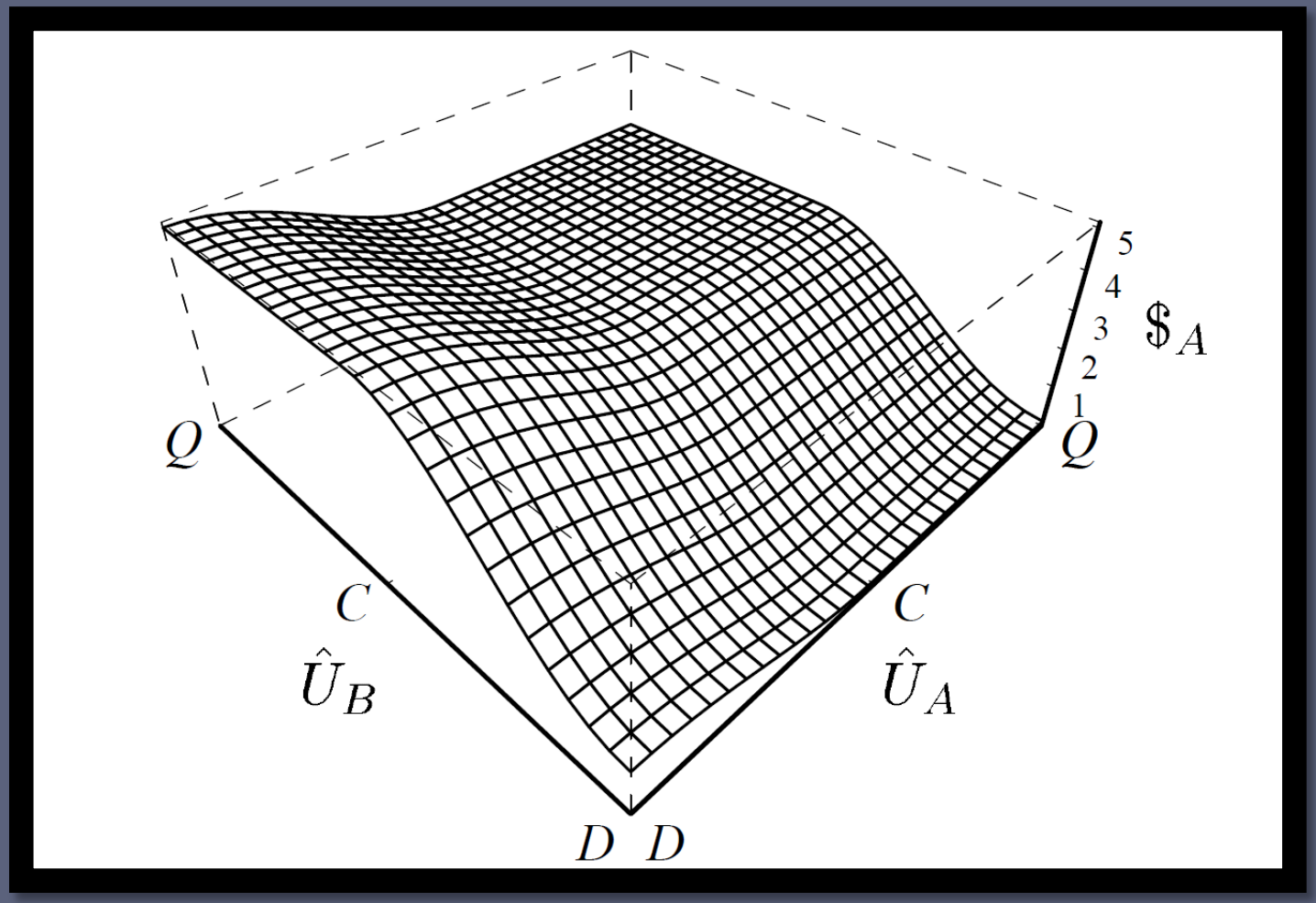
王一博，糟糠，卜逸舟

量子博弈

王一博，曹颖康，卜逸舟



什么是博弈
经典囚徒困境
翻硬币游戏
量子囚徒困境*
古诺模型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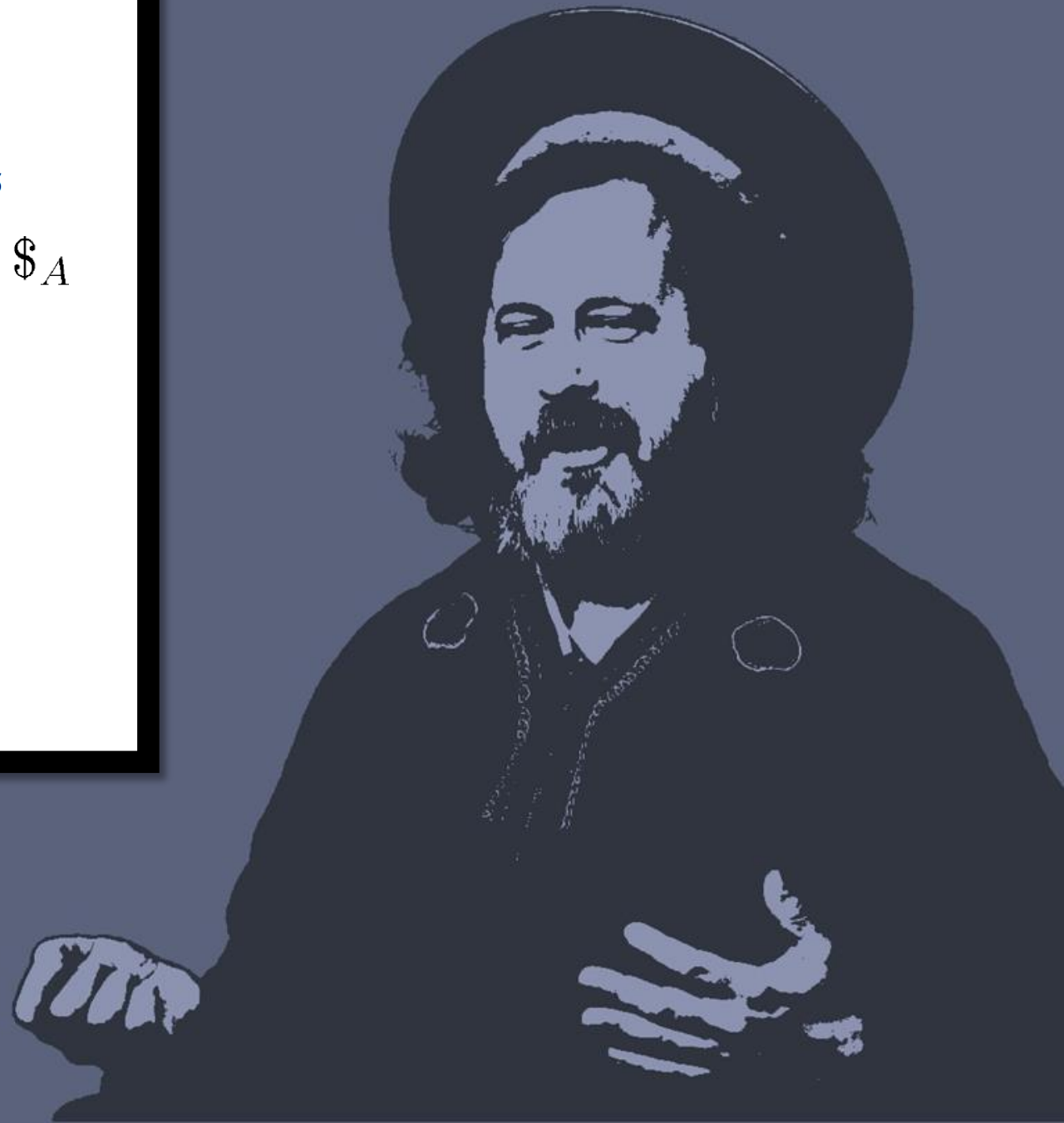

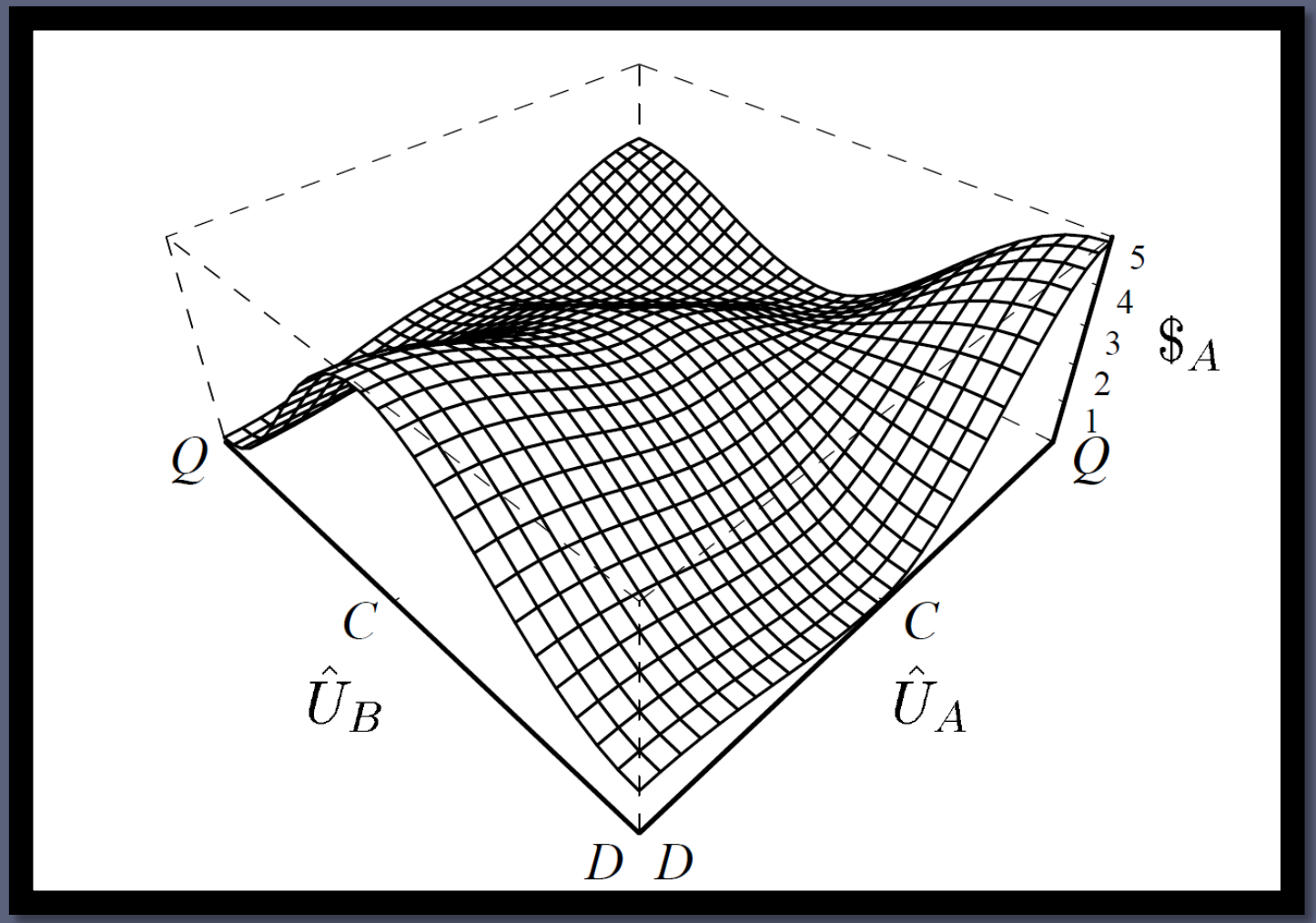
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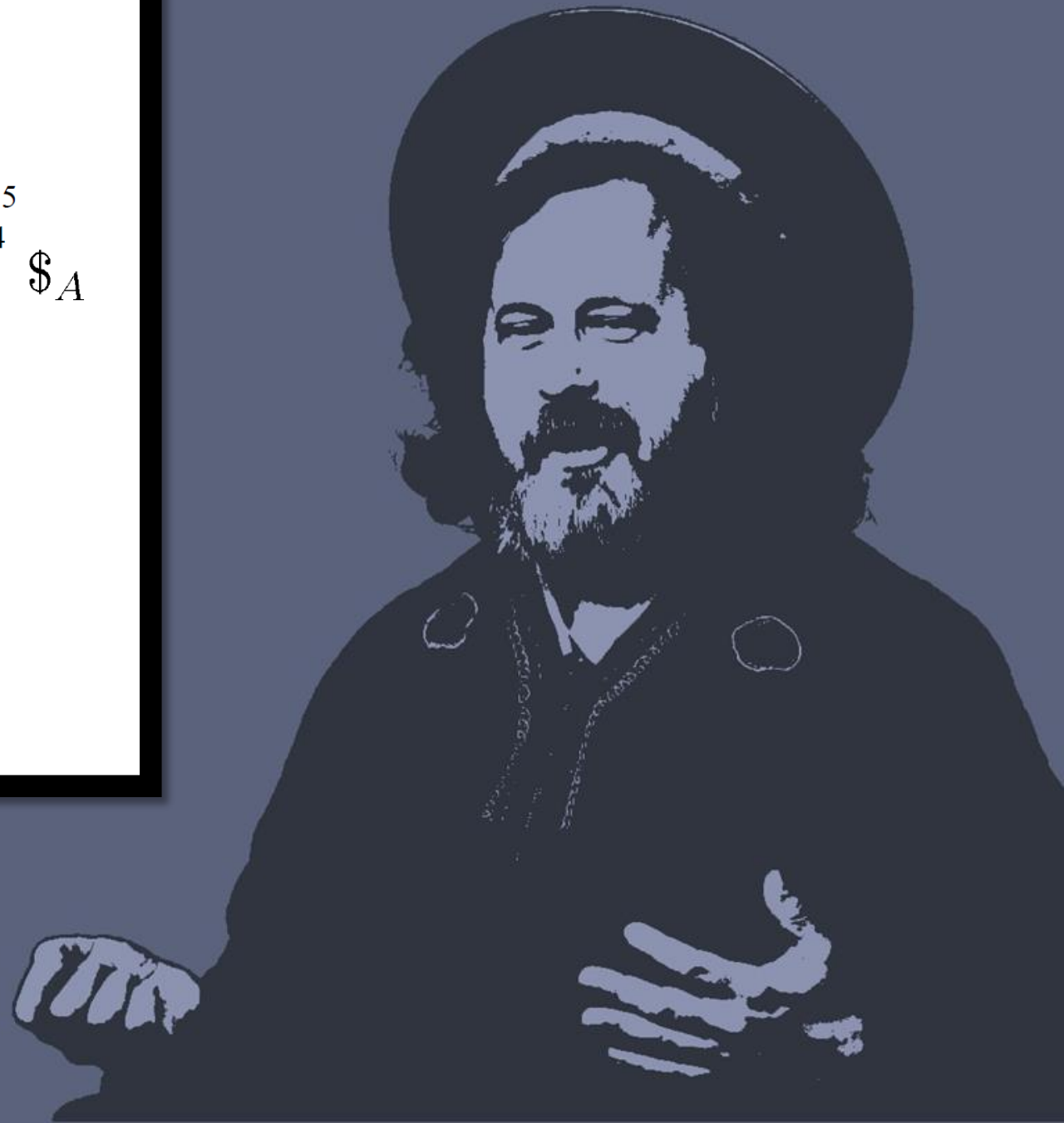

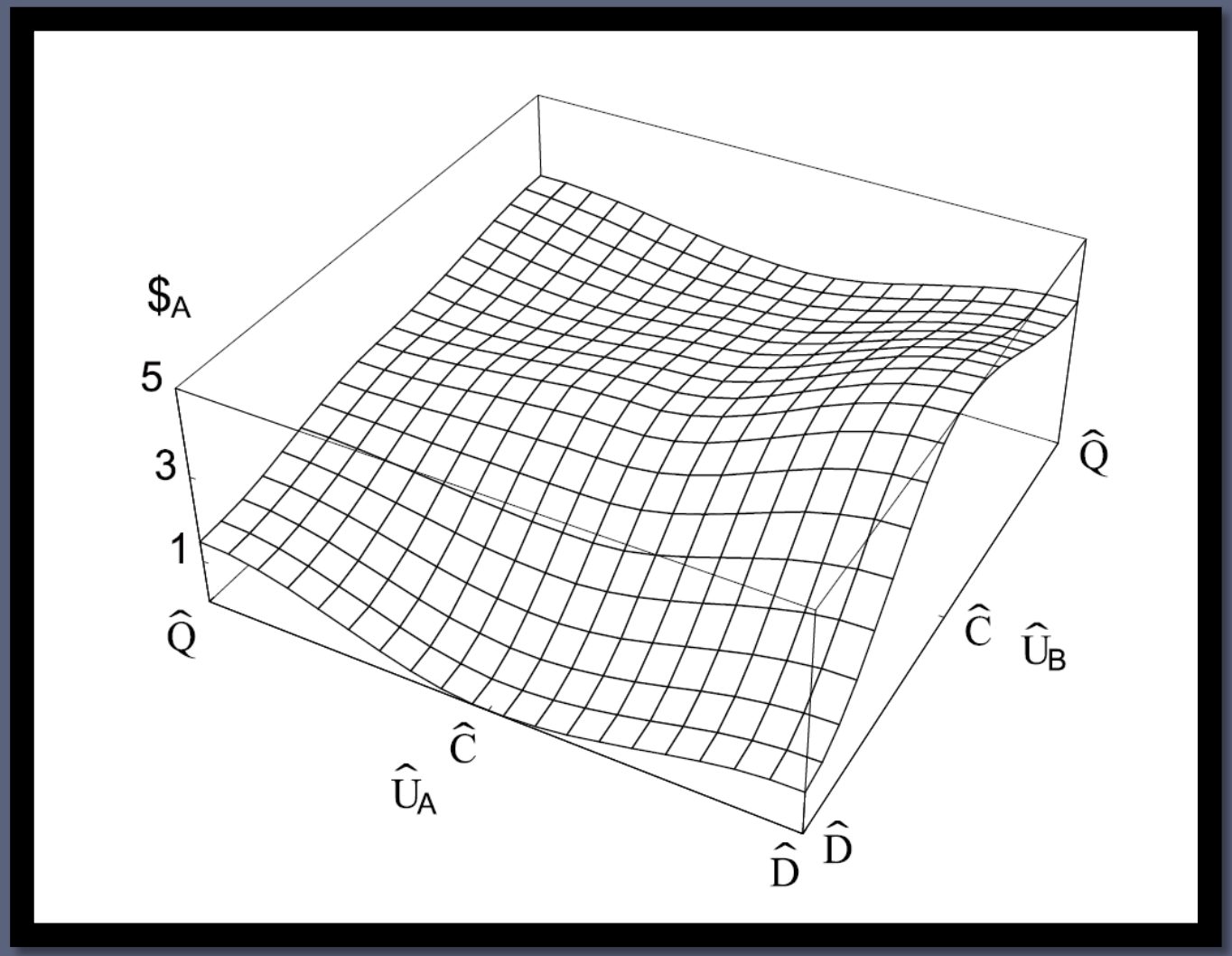
$A
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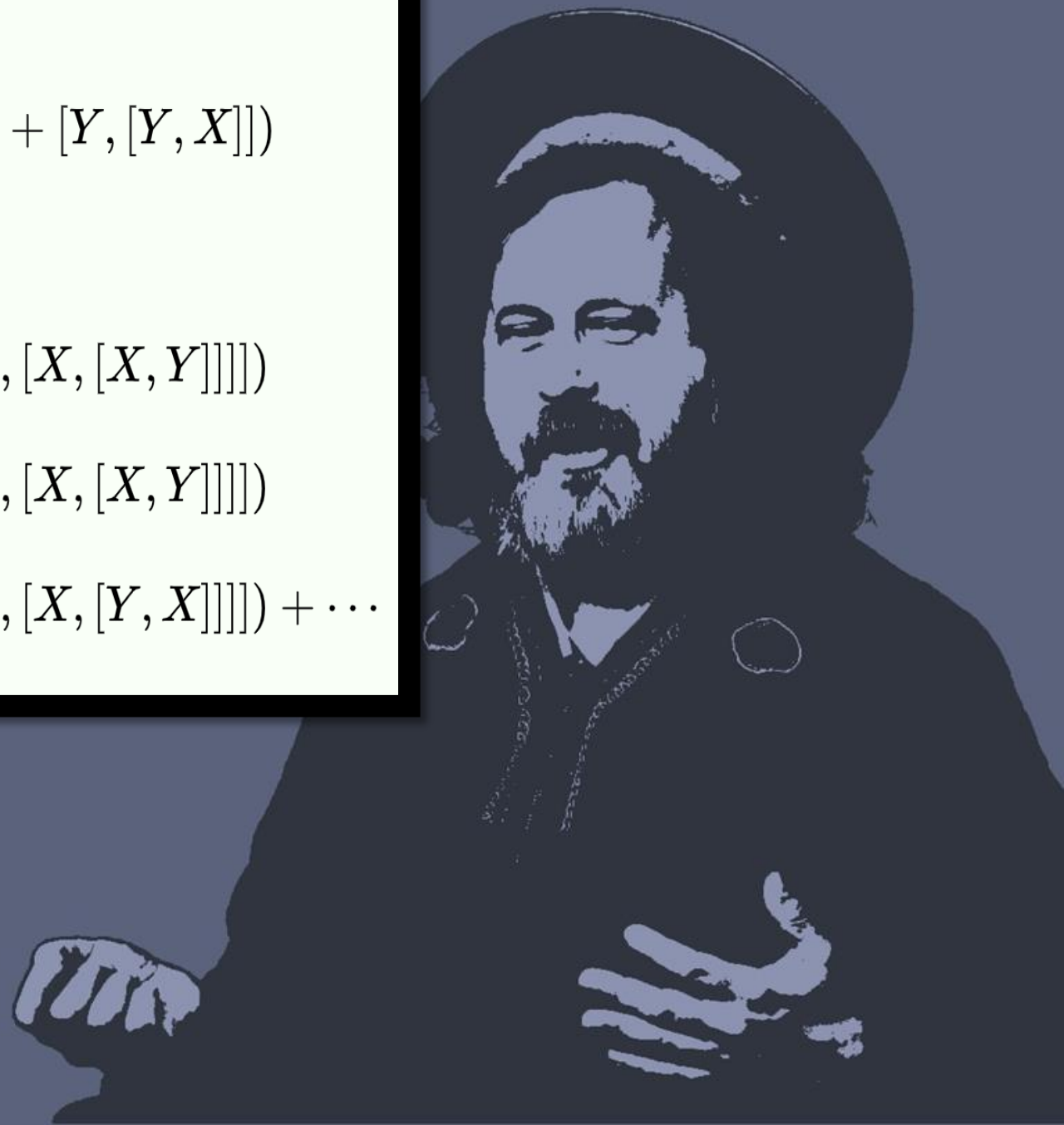
$$
\begin{aligned}
Z(X,Y) &= \log(\exp X \exp Y) \\
&= X + Y + \frac{1}{2}[X,Y] + \frac{1}{12}\left([X,[X,Y]] + [Y,[Y,X]]\right) \\
&\quad - \frac{1}{24}[Y,[X,[X,Y]]] \\
&\quad - \frac{1}{720}\left([Y,[Y,[Y,[Y,X]]]] + [X,[X,[X,[X,Y]]]]\right) \\
&\quad + \frac{1}{360}\left([X,[Y,[Y,[Y,X]]]] + [Y,[X,[X,[X,Y]]]]\right) \\
&\quad + \frac{1}{120}\left([Y,[X,[Y,[X,Y]]]] + [X,[Y,[X,[Y,X]]]]\right) + \cdots
\end{aligned}
$$



参考文献

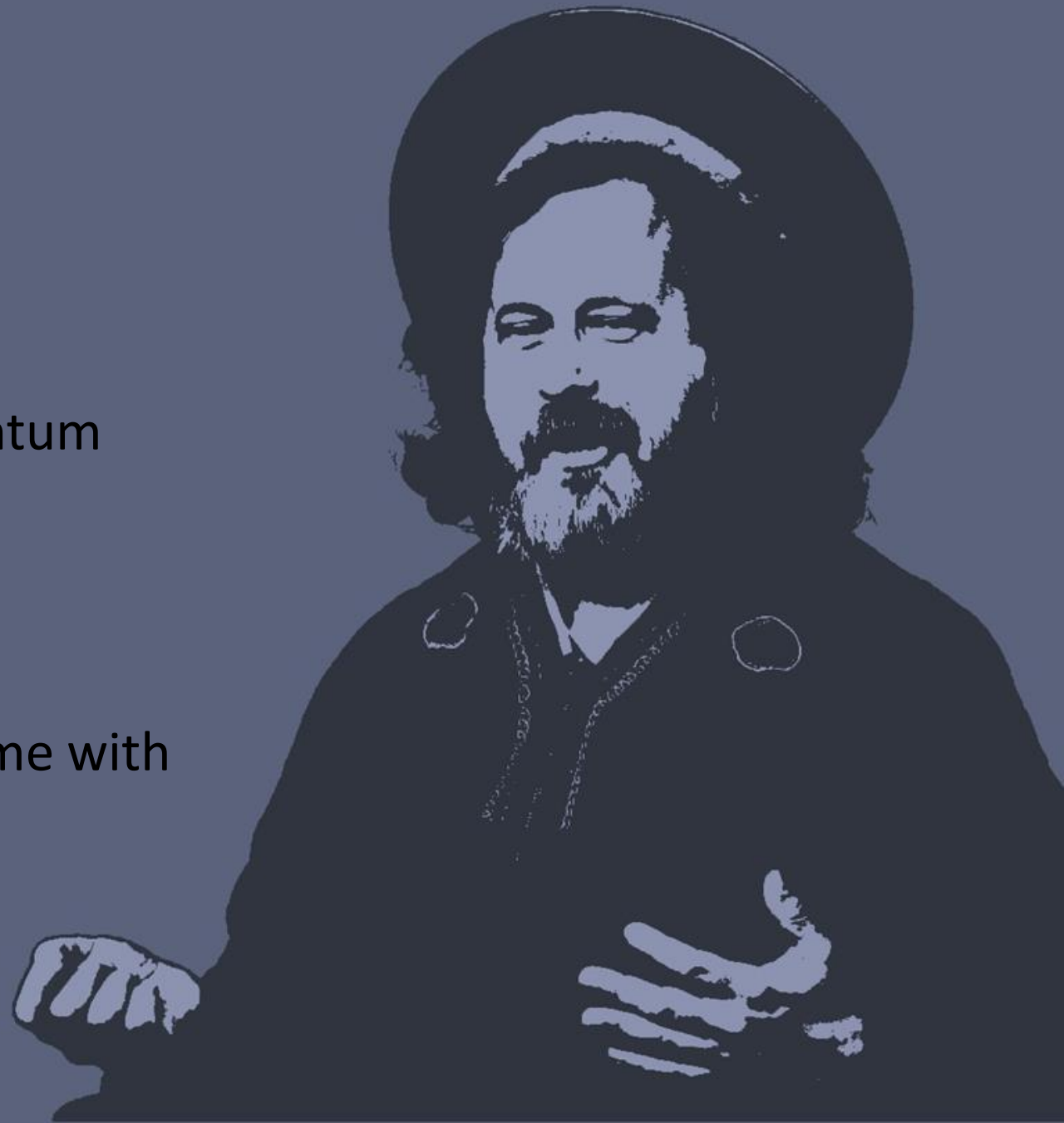
有什么标准写法吗？

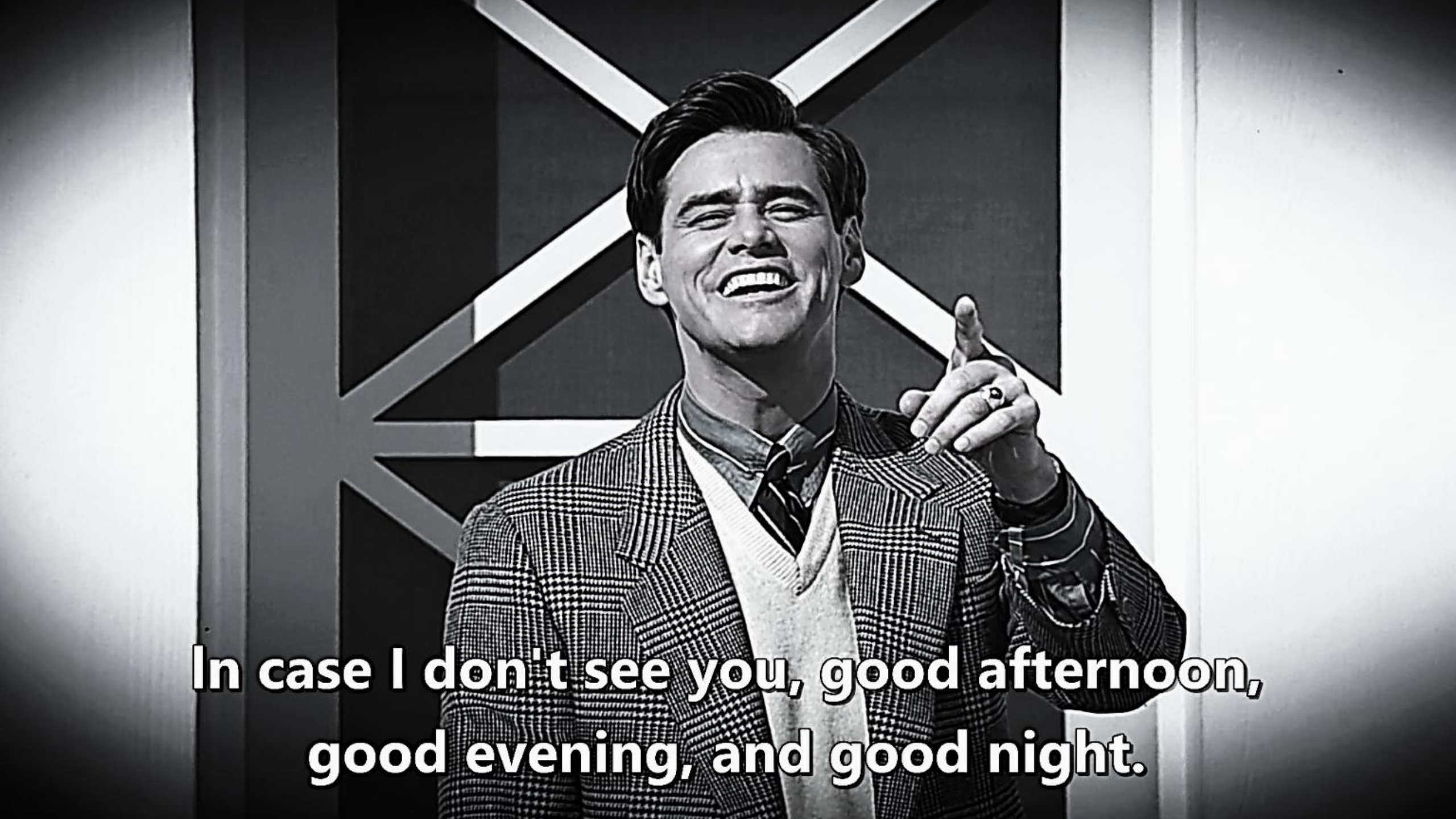
[1]D.Meyer - Quantum Strategies

[2]Eisert, Wilkens & Lewenstein - Quantum Games and Quantum Strategies

[3]Du Jiangfeng Family – Experimental Realizations of a Quantum Game on a Quantum Computer

[4]Zhou Jie - Multiplayer Quantum Game with Continuous Variable Strategies




In case I don't see you, good afternoon,
good evening, and good night.