

Claude Shannon

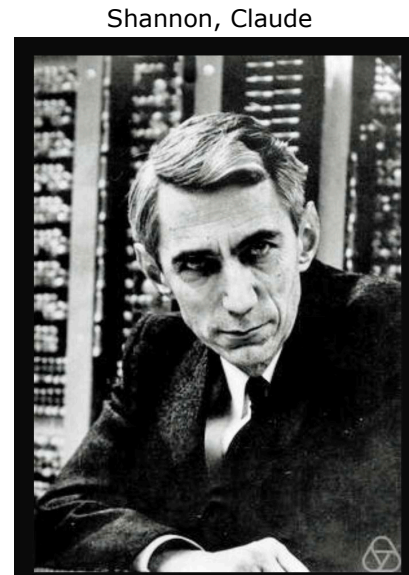
Often noted as "The Father of Information Theory"

"The American mathematician and computer scientist who conceived and laid the foundations for information theory. His theories laid the groundwork for the electronic communications networks that now lace the earth."

Information Theory Unit

Visit Source: <https://www.itsoc.org/about/shannon>

"...Understanding, before almost anyone, the power that springs from encoding information in a simple language of 1's and 0's, Dr. Shannon as a young scientist at Bell Laboratories wrote two papers that remain monuments in the fields of computer science and information theory. "Shannon was the person who saw that the binary digit was the fundamental element in all of communication," said Dr. Robert G. Gallager, a professor of electrical engineering who worked with Dr. Shannon at the Massachusetts Institute of Technology. "That was really his discovery, and from it the whole communications revolution has sprung."



Shannon, Claude
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Video: *Tech Icons: Claude Shannon*

Meet Claude Shannon, the father of Information Theory, celebrated inventor, and a Tech Icon

Visit Source: AT&T Tech Channel

<https://www.youtube.com/watch?v=z7bVw7IMtUg>

Video: *Claude Shannon Demonstrates Machine Learning, Theseus*

Visit Source: Nokia Bell Labs, click on below link, then go to "Automata" on the top tool bar, scroll down to *Theseus*, and click play video.

<https://www.bell-labs.com/claude-shannon/>

In this Bell Telephone Laboratories film, Claude Shannon, demonstrates how "Theseus," an electrically controlled, life-sized mouse that learns its way around a maze through telephone relay circuits.

Footage from Nokia Bell Labs, History Page, Claude Shannon as noted in the link above.

Theseus Maze by Claude Shannon, 1952 - MIT Museum - DSC03702.JPG

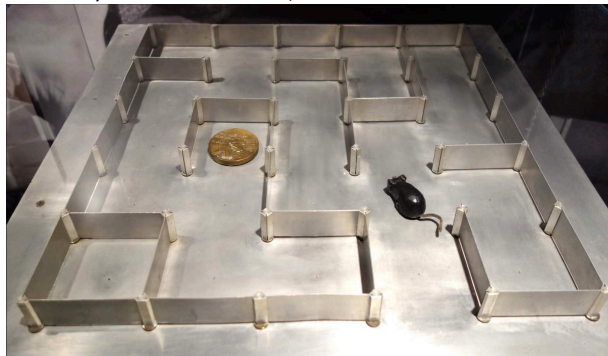


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