RESIDENT

Prof. GREGORY CHAITIN

UM6P | Institute for Advanced Studies

SELECTED PUBLICATION

"Algorithmic Information Theory"

Publication Date: 1987

HE HAS WORKED ON

- The halting probability Omega, also known as Chaitin's number, an example of infinite irreducible complexity in pure mathematics

- Chaitin's incompleteness theorem, an extension of Gödel's incompleteness theorem

- Modeling biological evolution as a hill-climbing random walk in software space ("metabiology").

Gregory Chaitin is a renowned mathematician and computer scientist known for his groundbreaking contributions to the field of algorithmic information theory. Born in 1947, in Chicago, Illinois. Prof. Chaitin developed a passion for mathematics at an early age and went on to become one of the most influential figures in the field.

RESIDENCY PERIOD

From August 2023 to June 2024.