

RETRODUCTION

Meaning: Retroduction is a method of reasoning that involves inferring the most plausible explanation for observed phenomena, often used in scientific inquiry to generate hypotheses.

1. Retroduction is a key method in scientific reasoning that allows researchers to infer the best explanation for observed phenomena.
2. The concept of retroduction challenges traditional deductive reasoning by emphasizing the importance of hypothesis formation.
3. In his lecture, the professor illustrated retroduction by discussing how scientists propose theories based on incomplete data.
4. Retroduction can often lead to innovative solutions by encouraging thinkers to consider multiple possibilities.
5. Many philosophers of science argue that retroduction is essential for advancing knowledge in fields that rely on empirical observation.

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