

DECIDABLE

Meaning: Decidable refers to a problem or language for which there exists an algorithm or Turing machine that can provide a definitive yes or no answer for every possible input.

1. A problem is considered decidable if there exists an algorithm that can provide a yes or no answer for every possible input.
2. In computability theory, a language is decidable if there is a Turing machine that halts on every input and correctly decides membership.
3. The mathematician demonstrated that certain types of equations are decidable, while others remain unsolvable.
4. Philosophers often debate whether morality is a decidable system or if it is inherently subjective and open to interpretation.
5. The research focused on identifying decidable fragments within complex logical systems to simplify computational processes.

Source: sentences.whatistheurl.com

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