



Great Theoretical Ideas In Computer Science

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Gödel's Legacy: The Limits Of Logics



Anything

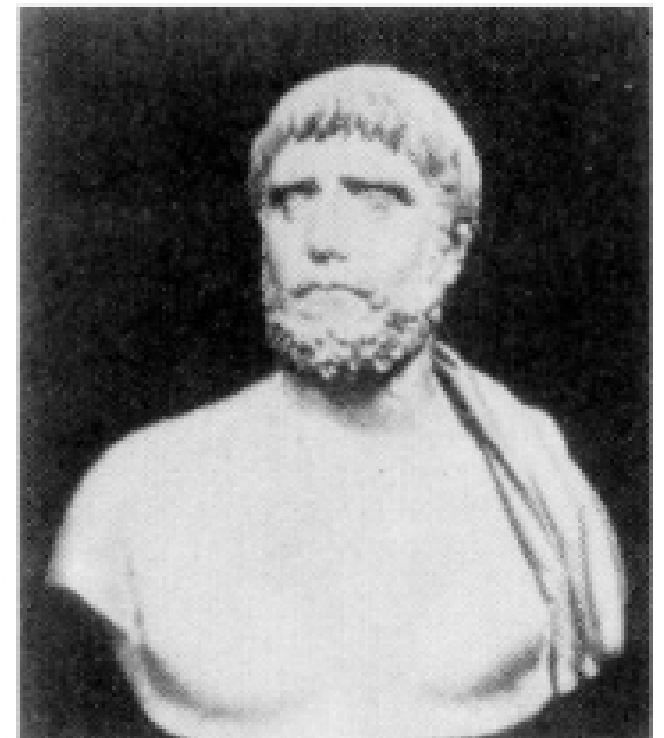
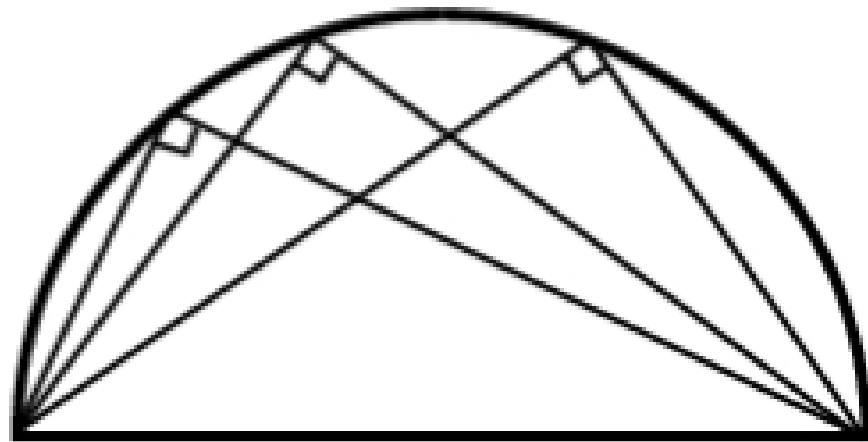


says is false!

Thales Of Miletus (600 BC) Insisted on Proofs!

"first mathematician"

Most of the starting theorems of geometry. *SSS*, *SAS*, *ASA*, angle sum equals 180, . . .



GENERAL PICTURE:

A ****decidable**** set of
"SYNRACTICALLY VALID
STATEMENTS S .

A ****possibly incomputable****
subset of S called $TRUTH_S$
I.e. TRUE STATEMENTS
OF S

