



IEEE Computer Society

# Robert Floyd

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## **Program correctness**

Floyd was a pioneer of the idea of applying mathematics to the problem of program correctness. His work contributed significantly Hoare logic

## **Software Engineering**

Floyd is said to have been one of the first advocates of refactoring and the rewriting of working programs from scratch.

Turing Award 1978

*For things that we have to learn to do, we learn by doing them.* Aristotle