

# Computer Science Heroes of Chair VII

## MATCH THEN CHECK

Homer Simpson



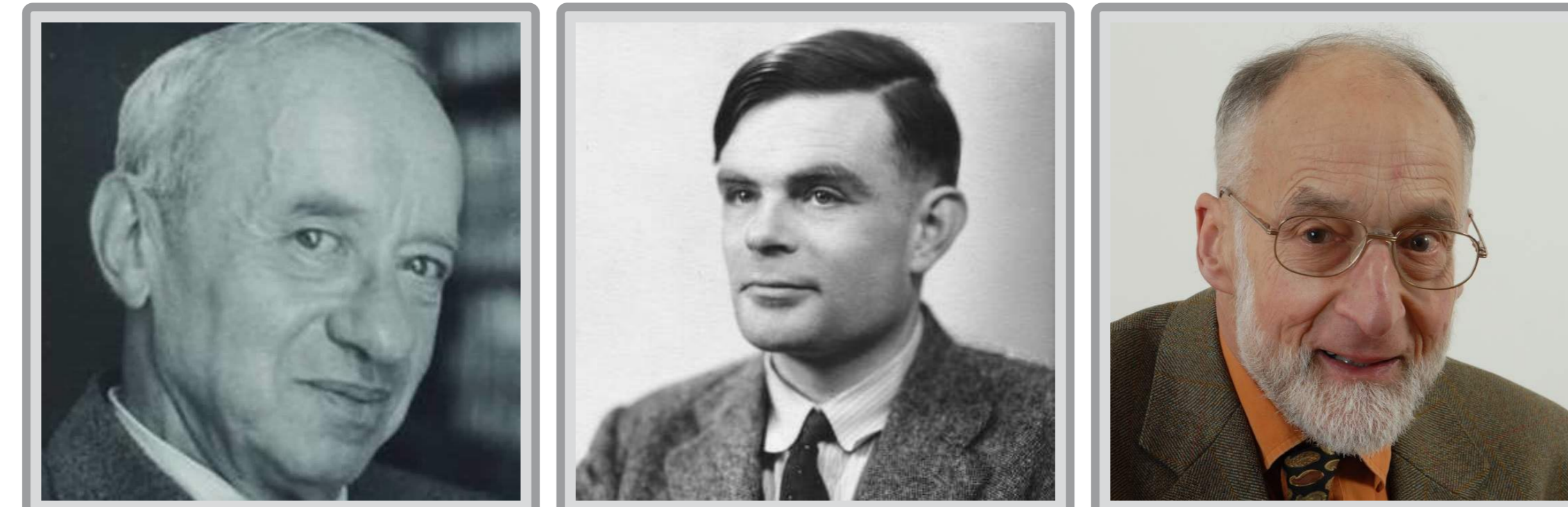
Fast Toroidal Decomposition



Julius Büchi

David Hilbert

Emil Post



Calculus of Communicating Systems

Halting Problem

Recursion Theory

Alonzo Church

Stephen Kleene

Claude Shannon



Father of  $\omega$ -automata

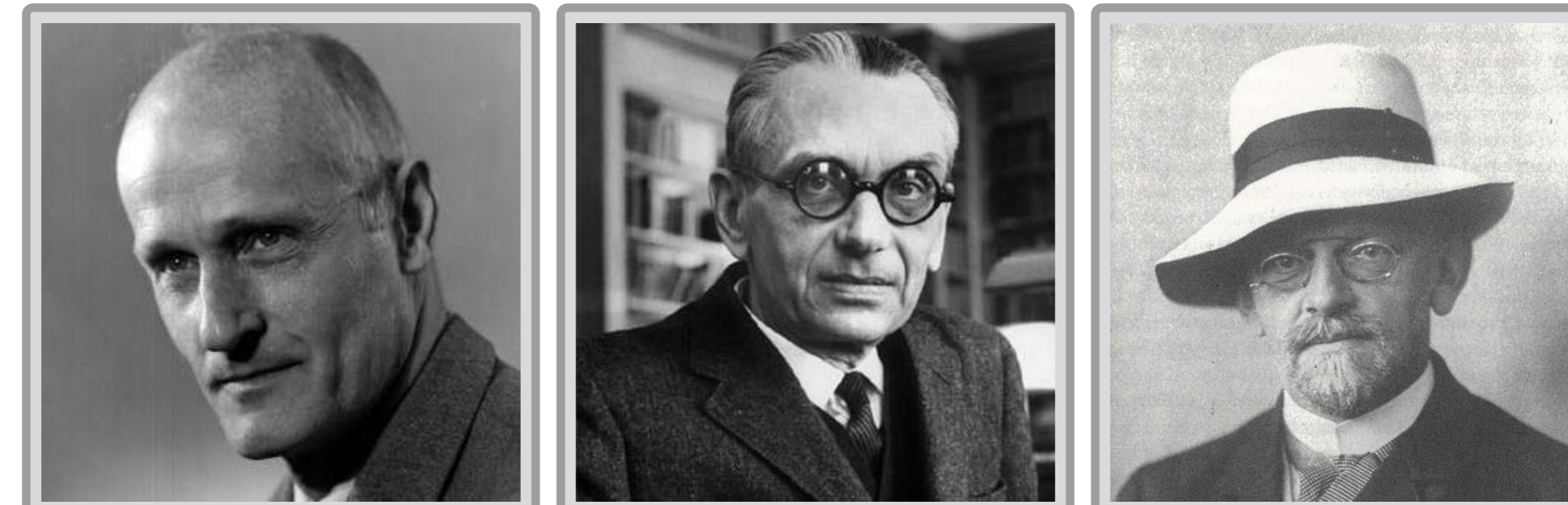
Incompleteness of Arithmetic

Weakest Preconditions

Edsger Dijkstra

Robin Milner

Alfred Tarski



“Communication with Automata”

Correspondence Problem

Father of Information Theory

Robert Floyd

Carl Adam Petri

Alan Turing



What is truth?

Temporal Logic

Cellular Automata

Kurt Gödel

Amir Pnueli

John von Neumann



Lambda Calculus

Program Verification Using Logical Assertions

Proof Theory