Computers are Universal Computation Devices

Described by Alan Turing in 1936

Blue Waters

LC-3

iPad

Android phone

computable

undecidable

space of problems to solve (& examples of computers that solve each subspace)
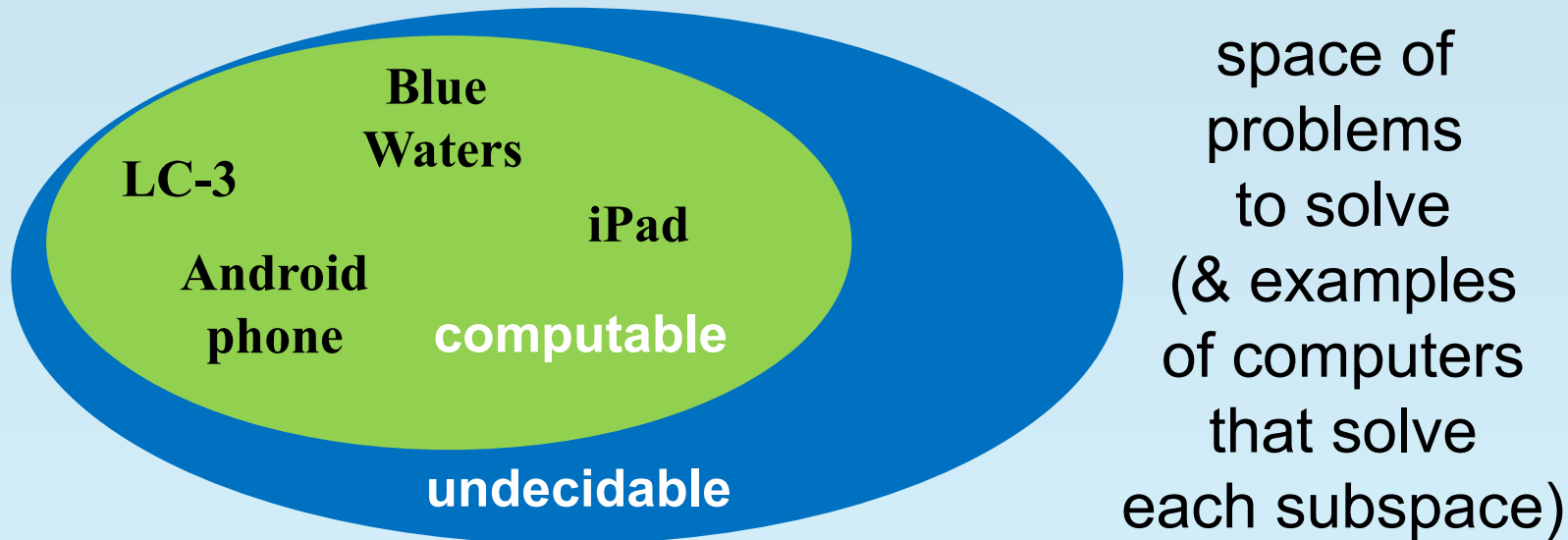
Church-Turing Hypothesis: Computers and humans can compute the same things.