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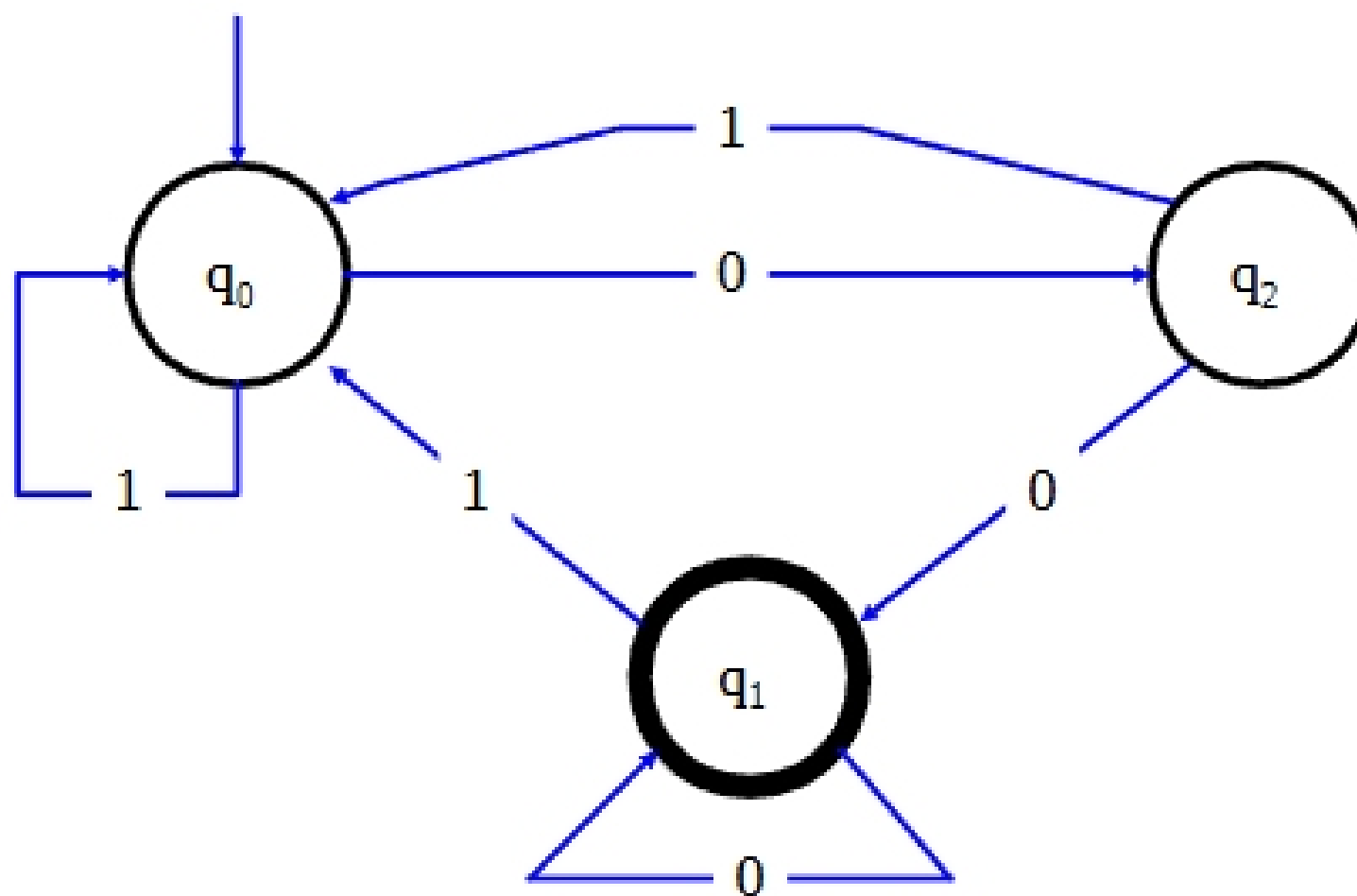
# Theory of Computability

## Regular Languages

### Chapter 1

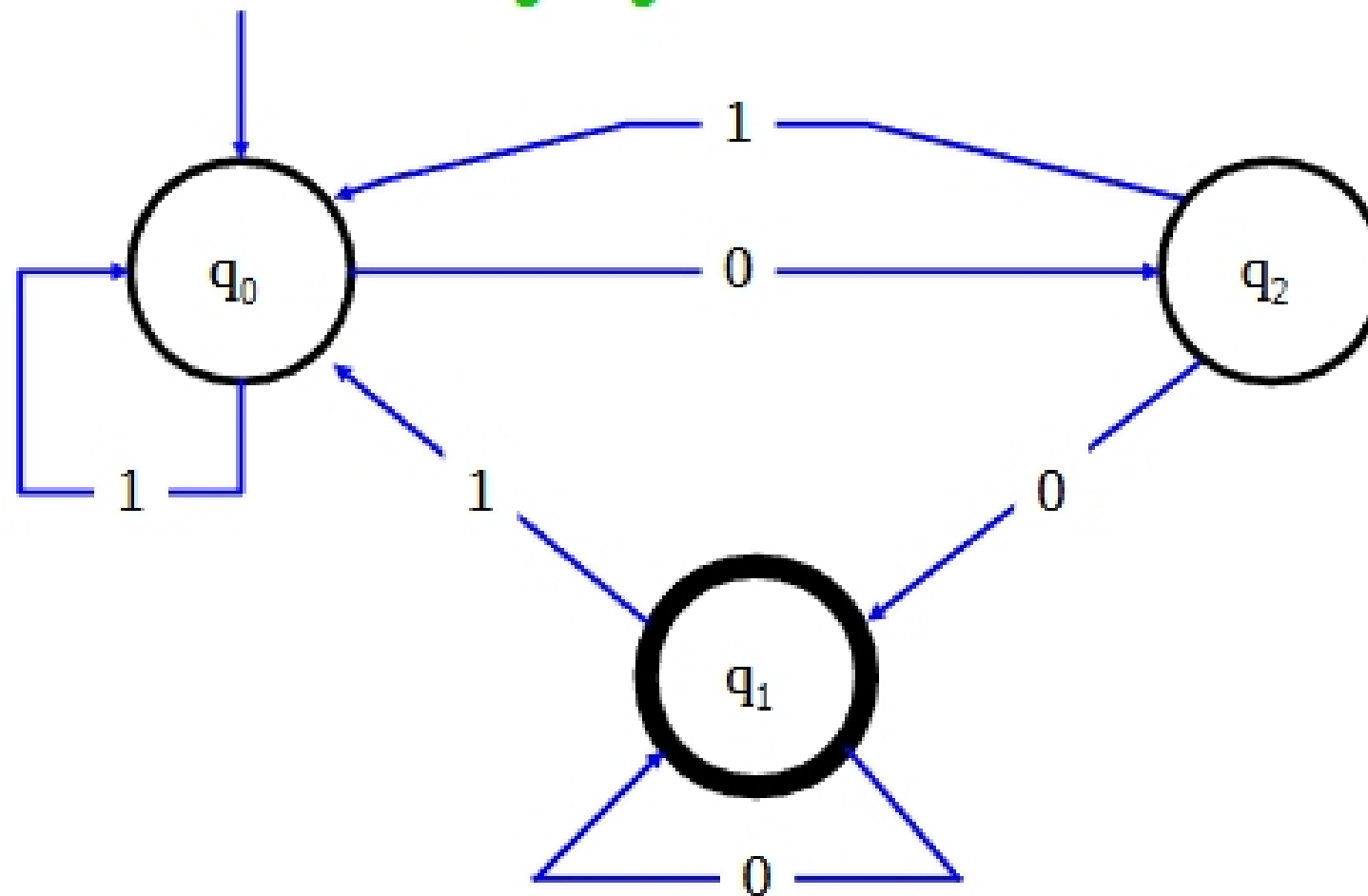


## How a finite automaton works



0 1 1 0 0

## The language of a machine



$L(M)$ , “the *language of M*”, or “the language *recognized* by  $M$ ”

--- the set of all strings that the machine  $M$  accepts

What is the language recognized by our automaton  $A$ ?