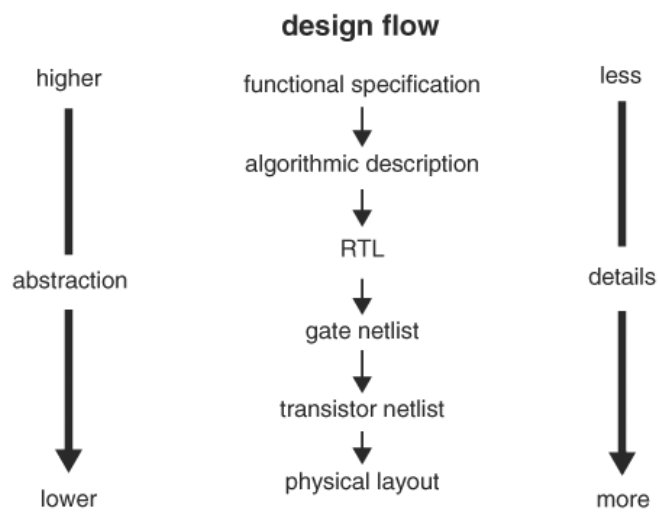


# Introduction

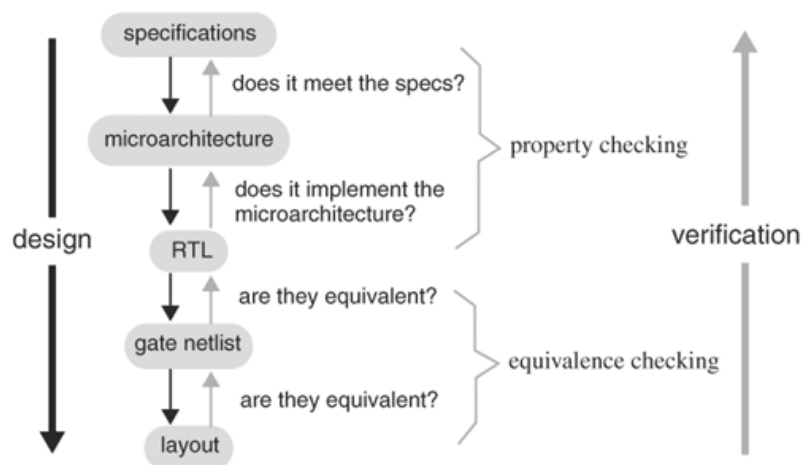
## Design Flow



# What is verification

- Reverse process of design: starts from the implementation and confirms that the specifications are met
- Types :
  - **Functional**
  - Timing
  - Layout
  - Electrical

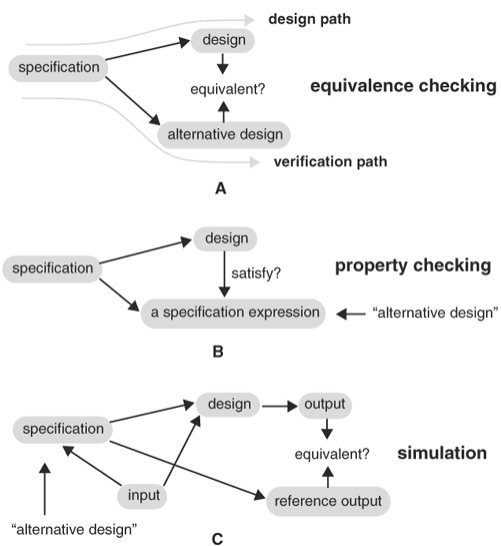
# Relationship



# Verification Principle

- There are 2 types of errors
  - Implementation error
    - Use software to synthesize
    - Redundancy
  - Specification error

## Principle



## Scoreboard!

- Code coverage: measures the percentage of code covered
- Functional coverage: measures the percentage of functionality verified

## Why different language?

- Higher level
- More arithmetic operators than in RTL codes
- Synthesis is not required