

# Unit-2: Model-checker NuSMV

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# Summary

- ▶ **Module 1:** Role of model-checking tools
- ▶ **Module 2:** Simple verification examples in NuSMV
- ▶ **Module 3:** Hardware circuits in NuSMV
- ▶ **Module 4:** Modeling concurrent systems in NuSMV

**Important concepts:**  $G$  and  $F$  requirements, Synchronous and asynchronous composition