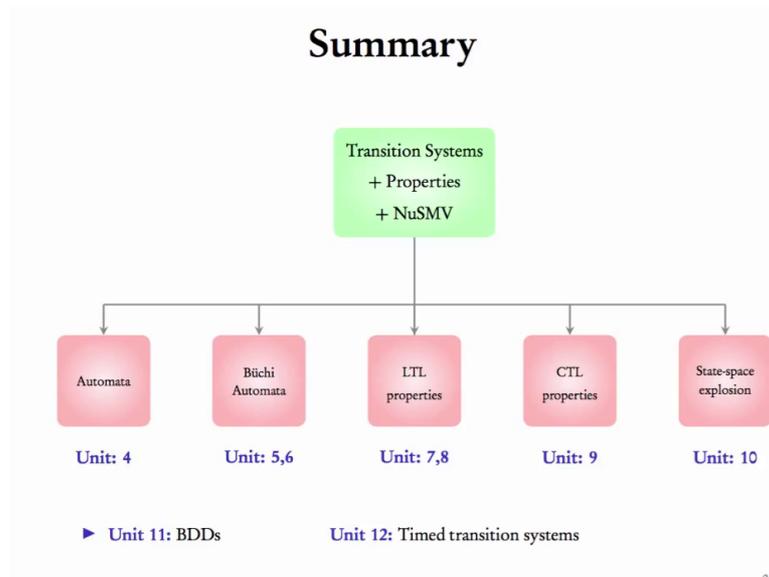


Model Checking
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Lecture – 55
Concluding Remarks

This brings us to the end of this course.

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Let me now give a short summary of what we have seen, we have seen how to model different kinds of code as transition systems, we have seen how to check different kinds of properties LTL and CTL properties on this transition systems, we have also seen the model checker NuSMV and how to use that to check properties. In unit 11, we gave a solution to the state space explosion problem this is one way in which it could be handled.

Still we need better solutions but binary decision diagrams where a break through and finally in unit 12 we have seen how to add timing to transition systems. Let me conclude by saying that the industry is becoming more and more aware of the benefits of Model Checking in particular automobile avionics and hardware industries are actively trying to incorporate Model Checking techniques in their design cycle.

We have tried to cover a wide range of topics we wish that more and more of these topics are applied and practice for this students and engineers working in the industry need to have a

strong understanding of the concepts introduced in this course, hope you have enjoyed the course.