## Lecture - XX <br> Topic:

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## 1 Section title

Here is where you insert your proper notes.

### 1.1 Subsection title

Figures can be drawn using TikZ (see link below) or can be included as a PDF file. Here's how to include a figure (1) from a PDF file


Figure 1: A simple figure
Here's a figure of an automaton (Fig. 2) drawn using $\mathrm{A}_{\mathrm{E}} \mathrm{T}_{\mathrm{E}} \mathrm{X}$. You do not have to use TikZ, but if you are free and bored, please try it out for vector graphics with amazing user-controlled precision. TIKZ reference manual: Click here Automata in $\mathrm{EAT}_{\mathrm{E}} \mathrm{X}$ : Click here


Figure 2: An automaton

