Writing Informal Hypertext Proofs

This is a hyperlink to another pdf page.

TLA$^+$ has constructs for writing formal structured proofs. The TLAPS proof system can be used to check such proofs. Click here for the ASCII version of a TLA$^+$ proof of theorem *Induction*. Copy it and paste it at the end of the *Euclid* module, and save the module (which should parse it). This proof was checked with TLAPS, but don't try to understand it. TLA$^+$ proofs are explained in The TLA$^+$ Proof Track, but here I just want you to view it as hypertext.

There is a $\ominus$ next to the theorem and next to each step. Clicking on the $\ominus$ next to a step hides the step's proof and changes the $\ominus$ to a $\oplus$. Clicking on the $\oplus$ undoes the effect of clicking on the $\ominus$. Right-clicking on a step provides a menu with a section containing the following commands for hiding and revealing parts of the proof of the step at which the cursor is positioned. These commands can also be executed with the indicated pair of keystrokes.

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