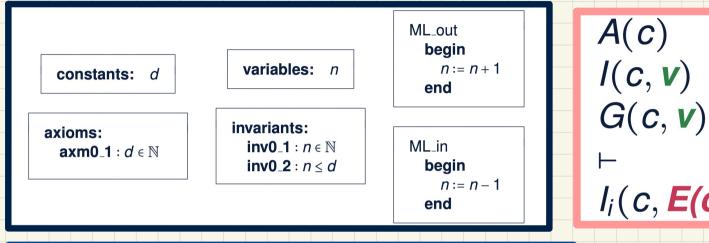
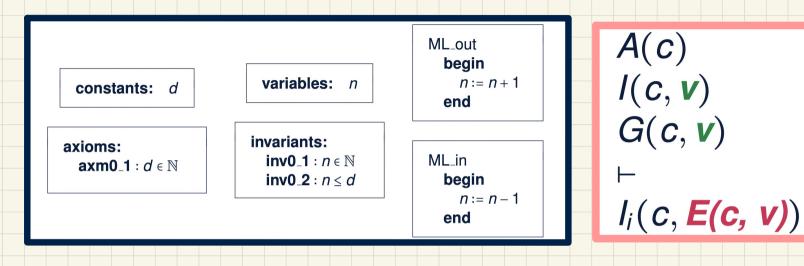
PO/VC Rule of Invariant Preservation: Sequents



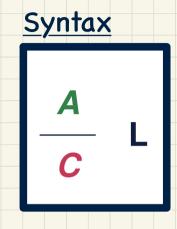
 $I_i(c, \boldsymbol{E(c, v)})$

Q. How many PO/VC rules for model m0?

PO/VC Rule of Invariant Preservation: Sequents



Inference Rule: Syntax and Semantics

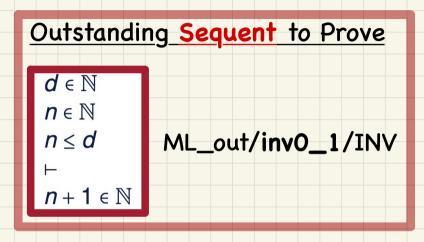


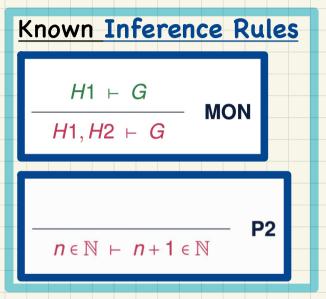
Semantics

Q. What does it mean when A is empty/absent?

Examples

Proof of Sequent: Steps and Structure





Understanding Inference Rule: OR_L

$$\frac{H,P \vdash R \qquad H,Q \vdash R}{H,P \lor Q \vdash R} \quad \mathbf{OR} \bot \mathbf{L}$$