

Example 1

Premise 1	Premise 2	Premise 3	Rule name
Conclusion			

Example 2

$\frac{\frac{\frac{\Gamma \vdash p \rightarrow q}{\Gamma \vdash p} \text{ax} \quad \frac{\frac{\frac{\Gamma \vdash p \wedge \neg q}{\Gamma \vdash p} \text{ax}}{\Gamma \vdash p \wedge \neg q} \wedge_e^l}{\Gamma \vdash q} \rightarrow_e}{\Gamma \vdash \neg q} \wedge_e^r$		
$\frac{\frac{p \rightarrow q, p \wedge \neg q \vdash \perp}{p \rightarrow q \vdash \neg(p \wedge \neg q)} \neg_i}{\vdash (p \rightarrow q) \rightarrow \neg(p \wedge \neg q)} \rightarrow_i$		

Example 3

$\frac{\text{Premisse 1}}{\Gamma} \text{Rule}$		
Premisse	Premisse	Premisse
Premisse	Premisse	Premisse
$\frac{\Gamma}{\Gamma} \text{Rule}$		
$\frac{\text{Premisse}}{\text{Conclusion Conclusion Conclusion Conclusion Conclusion}} \text{Rule}$		

Example 4

Premisse	Rule
$\frac{\frac{\frac{a}{b}}{c}}{\Gamma \frac{a}{b}}$	

Example 5 : without names

Premisse	a
Γ	
Premisse	Premisse
Premisse	Premisse
Γ	
$\frac{\text{Premisse}}{\text{Conclusion Conclusion Conclusion Conclusion Conclusion}}$	

Example 6 : long names

$\frac{\frac{\frac{\Gamma \vdash p \rightarrow q}{\Gamma \vdash p} \text{aaaaaaa} \quad \frac{\frac{\frac{\Gamma \vdash p \wedge \neg q}{\Gamma \vdash p} \text{aaaaaaaaa}}{\Gamma \vdash p \wedge \neg q} \text{aaaaaaaaa}}{\Gamma \vdash q} \text{aaaaaaaaa}}{\Gamma \vdash \neg q} \text{aaaaaaaaa}$		
$\frac{\frac{p \rightarrow q, p \wedge \neg q \vdash \perp}{p \rightarrow q \vdash \neg(p \wedge \neg q)} \text{aaaaaaa}}{\vdash (p \rightarrow q) \rightarrow \neg(p \wedge \neg q)} \text{aaaaaaa}$		

Premise 1	Premise 2	Premise 3	Rule name	Rule name	Rule name
Conclusion					

Differente Stroke

Premise 1	Premise 2	Premise 3	Rule name
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