

Homework on §2.2—assigned Wed 9/9 and due Fri 9/11

Construct a derivation to show:

$$A \wedge B, (C \wedge D) \wedge E \vDash C \wedge (B \wedge D)$$

Notice that this is the same as showing that the argument

$$\frac{\begin{array}{l} A \wedge B \\ (C \wedge D) \wedge E \end{array}}{C \wedge (B \wedge D)}$$

is valid, so your derivation should begin with the premises $A \wedge B$ and $(C \wedge D) \wedge E$ on separate lines.