# Local Variables

CS 350

---

Dr. Joseph Eremondi

Last updated: June 21, 2024 July 2,

Local Variables: org-latex-packages-alist: nil End:

# Boolean logic

- OR acts like + (sum)

- AND acts like * (product)

# Sum Types

- `(OR A B)` is either an A or a B

# Algebraic Data Types

- Sums of Products
- Is the first constructor type OR the second constructor type OR …
- Each constructor has a value of its first field type AND the second field type AND
- Algbraic laws for how they interact
    - We’ll see more later