## Multi-Objective Optimization

Lecture

Dr. James Doss-Gollin

2026-04-13

## **Coming Soon**

This lecture is under development.

Content to adapt from previous course:

- Enriched notation diagram
- · Dominance definition and examples
- Pareto front visualization
- · Weighted sum approach and limitations
- · Genetic algorithms / MOEAs
- · Convergence diagnostics (hypervolume)

## References