

Chain Rule

Reading

Sections 15.6

Problems

- Practice Problems 15.6: 1, 3, 7, 9, 11, 15, 18, 19, 25, 27
- Problems to turn in 15.6: 2, 8, 12, 16, 26

Topics to know

1. Review of chain rules from 15.5
2. Generalized chain rule (page 832), dependent vs independent variables
3. Examples 2, 3
4. Implicit differentiation in multiple variables
5. Preview of functions $\mathbb{R}^n \rightarrow \mathbb{R}^m$