

Cross Product

Reading

Section 13.4

Problems

- Practice Problems: 13.4 13, 15, 17, 19, 23, 31, 38, 42, 43, 53
- Problems to turn in: 13.4 14, 20, 30, 34, 44
- Optional: 69, 70

Topics to know

1. Determinants, definition of cross product
2. Geometric description of cross product (theorem 1)
3. Algebra of cross product
4. Volume as a vector triple product
5. Area as a 2×2 determinant