

**FOUNDATIONS OF GEOMETRY**  
**DETAILED LIST OF TOPICS ON HARTSHORNE'S BOOK**

- Section 1: all
- Section 2: all
- Section 3: all
- Section 4: all
- Section 6: all
- Section 7: all
- Section 8: all
- Section 9: all
- Section 10: all
- Section 11: all
- Section 12: till Theorem 12.5
- Section 13-14-15-16-17-18-21: Only what is in the notes published in the webpage
- Section 19: all
- Section 20: all
- Section 33: all
- Section 34: till page 312, plus Corollary 34.13 (without proof)
- Section 35: all
- Section 37: all
- Section 39: all
- Section 40: all
- Section 41: Proposition 41.1