1. Product sets

   2.1, 2.2

2. Relations, representations and composition

   2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.23, 2.25

3. Types of relations

   2.9, 2.28

4. Equivalence relations and partitions

   2.14, 2.16, 2.31, 2.32

5. Partial orderings

   2.19