

Práctica 1

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October 31, 2022

1. Find the power set

$$R^3 \text{ of } R = (1, 1), (1, 2), (2, 3), (3, 4).$$

Check your answer with the script powerrelation.m and write a LATEX document with the solution step by step.,

$$R^2 = R \times R =$$

$$[(1, 1), (1, 2), (2, 3), (3, 4)] \times [(1, 1), (1, 2), (2, 3), (3, 4)] = [(1, 1), (1, 2), (1, 3), (2, 4)]$$

$$R^3 = R^2 \times R =$$

$$[(1, 1), (1, 2), (2, 3), (3, 4)] \times [(1, 1), (1, 2), (1, 3), (2, 4)] = [(1, 1), (1, 2), (1, 3), (1, 4)]$$