

Práctica 1

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Activities

1. Find the power set R^3 of $R = \{(1, 1), (1, 2), (2, 3), (3, 4)\}$. Check your answer with the script **powerrelation.m** and write a L^AT_EX document with the solution step by step.

$$\begin{aligned} R &= \{(1, 1), (1, 2), (2, 3), (3, 4)\} \\ R^2 &= \{(1, 1), (1, 2), (1, 3), (2, 4)\} \\ R^3 &= \{(1, 1), (1, 2), (1, 3), (1, 4)\} \end{aligned}$$

```
>> powerrelation({'1', '1'}, ['1', '2'], ['2', '3'], ['3', '4']), 3)
warning: load_path: ../../util/jsonlab: No existe el archivo o el directorio
ans =
{
    [1,1] = 11
    [1,2] = 12
    [1,3] = 13
    [1,4] = 14
}
```