

Activities

1. Find the power set R^3 of $R = \{(1, 1), (1, 2), (2, 3), (3, 4)\}$.

Primero obtenemos R^2 y por último R^3 :

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

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

Check your answer with the script powerrelation.m:

```
>> powerrelation({'1', '1'}, {'1', '2'}, {'2', '3'}, {'3', '4'}, 3)
ans =
{
    [1,1] = 11
    [1,2] = 12
    [1,3] = 13
    [1,4] = 14
}
>> |
```