

This is the output of the program II_findAllResonances_ord2.java, which gives the list of semigroups of order 2 with resonant decompositions. The number of semigroups with at least one resonance and the total number of different resonances is given at the end of the file.

The semigroup #4

1 2

2 1

has #1 resonances.

Resonance #1

S0: 1

S1: 2

There are 1 semigroups with at least one resonance and there are in total 1 different resonances.