

There are 36 T_1 -hypergraphs without empty edge and without multiple edges on a labeled 3-set :

2 3-element T_1 -hypergraphs:

- 1 $\{\{3\},\{2\},\{1\}\}$
- 2 $\{\{2,3\},\{1,3\},\{1,2\}\}$

11 4-element T_1 -hypergraphs:

- 1 $\{\{3\},\{2\},\{2,3\},\{1\}\}$
- 2 $\{\{3\},\{2\},\{1\},\{1,3\}\}$
- 3 $\{\{3\},\{2\},\{1\},\{1,2\}\}$
- 4 $\{\{3\},\{2\},\{1\},\{1,2,3\}\}$
- 5 $\{\{3\},\{2\},\{1,3\},\{1,2\}\}$
- 6 $\{\{3\},\{2,3\},\{1\},\{1,2\}\}$
- 7 $\{\{3\},\{2,3\},\{1,3\},\{1,2\}\}$
- 8 $\{\{2\},\{2,3\},\{1\},\{1,3\}\}$
- 9 $\{\{2\},\{2,3\},\{1,3\},\{1,2\}\}$
- 10 $\{\{2,3\},\{1\},\{1,3\},\{1,2\}\}$
- 11 $\{\{2,3\},\{1,3\},\{1,2\},\{1,2,3\}\}$

15 5-element T_1 -hypergraphs:

- 1 $\{\{3\},\{2\},\{2,3\},\{1\},\{1,3\}\}$
- 2 $\{\{3\},\{2\},\{2,3\},\{1\},\{1,2\}\}$
- 3 $\{\{3\},\{2\},\{2,3\},\{1\},\{1,2,3\}\}$
- 4 $\{\{3\},\{2\},\{2,3\},\{1,3\},\{1,2\}\}$
- 5 $\{\{3\},\{2\},\{1\},\{1,3\},\{1,2\}\}$
- 6 $\{\{3\},\{2\},\{1\},\{1,3\},\{1,2,3\}\}$
- 7 $\{\{3\},\{2,3\},\{1\},\{1,3\},\{1,2\}\}$
- 8 $\{\{3\},\{2\},\{1\},\{1,2\},\{1,2,3\}\}$
- 9 $\{\{3\},\{2\},\{1,3\},\{1,2\},\{1,2,3\}\}$
- 10 $\{\{3\},\{2,3\},\{1\},\{1,2\},\{1,2,3\}\}$
- 11 $\{\{3\},\{2,3\},\{1,3\},\{1,2\},\{1,2,3\}\}$
- 12 $\{\{2\},\{2,3\},\{1\},\{1,3\},\{1,2\}\}$
- 13 $\{\{2\},\{2,3\},\{1\},\{1,3\},\{1,2,3\}\}$
- 14 $\{\{2\},\{2,3\},\{1,3\},\{1,2\},\{1,2,3\}\}$
- 15 $\{\{2,3\},\{1\},\{1,3\},\{1,2\},\{1,2,3\}\}$

7 6-element T_1 -hypergraphs:

- 1 $\{\{3\},\{2\},\{2,3\},\{1\},\{1,3\},\{1,2\}\}$
- 2 $\{\{3\},\{2\},\{2,3\},\{1\},\{1,3\},\{1,2,3\}\}$
- 3 $\{\{3\},\{2\},\{2,3\},\{1\},\{1,2\},\{1,2,3\}\}$
- 4 $\{\{3\},\{2\},\{2,3\},\{1,3\},\{1,2\},\{1,2,3\}\}$

- 5 $\{\{3\},\{2\},\{1\},\{1,3\},\{1,2\},\{1,2,3\}\}$
- 6 $\{\{3\},\{2,3\},\{1\},\{1,3\},\{1,2\},\{1,2,3\}\}$
- 7 $\{\{2\},\{2,3\},\{1\},\{1,3\},\{1,2\},\{1,2,3\}\}$

1 7-element T_1 -hypergraph:

- 1 $\{\{3\},\{2\},\{2,3\},\{1\},\{1,3\},\{1,2\},\{1,2,3\}\}$