

Let  $[n] = \{1, 2, \dots, n\}$  be a finite set, families  $\mathcal{F}$  of its subsets will be investigated. Sperner's theorem says that if there is no inclusion among the members of  $\mathcal{F}$  then the largest family under this condition is the one containing all  $\lfloor \frac{n}{2} \rfloor$ -element subsets of  $[n]$ . The present paper surveys certain generalizations of this theorem. The maximum size of  $\mathcal{F}$  is to be found under the condition that a certain configuration is excluded. The configuration here is always described by inclusions. More formally, let  $P$  be a poset. The maximum size of a family  $\mathcal{F} \subset 2^{[n]}$  which does not contain  $P$  as a (non-necessarily induced) subposet is denoted by  $\text{La}(n, P)$ . As an example, let the poset  $N$  consist of 4 elements illustrated here with 4 distinct sets satisfying  $A \subset B$ ,  $C \subset B$ ,  $C \subset D$ .  $\text{La}(n, N)$  has been recently determined up to the second term by J. R. Griggs and the present author.