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\limits

In text style, TEX normally places limits after a large operator. This command tells TEX to place limits above and below a large operator rather than after it.

If you specify more than one of \limits, \nolimits, and \displaylimits, the last command rules.

Example.

Suppose that $\sigma =1^n\$ contains at least two elements.

produces:

Suppose that $\bigcap_{i=1}^{N} q_i$ contains at least two elements.