pairwise disjoint

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Definition Suppose $\{E_\alpha \mid \alpha \in I\}$ is an arbitrary collection of sets. These sets are said to be *pairwise disjoint* if for every pair of distinct elements $\alpha, \beta \in I$, we have $E_\alpha \cap E_\beta = \varnothing$.

Remark

The synonym *mutually disjoint* is also used.