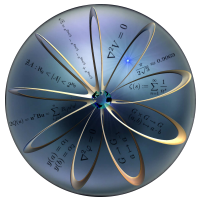

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linearly disjoint

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Let E and F be subfields of L, each containing a field K. E is said to be *linearly disjoint* from F over K if every subset of E linearly independent over K is also linearly independent over F.

Remark. If E is linearly disjoint from F over K, then F is linearly disjoint from E over K. Then one can speak of E and F being linearly disjoint over K without causing any confusions.