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## Galois conjugate

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Let  $K$  be a field, and let  $L$  be a separable closure. For any  $x \in K$ , the *Galois conjugates* of  $x$  are the elements of  $L$  which are in the orbit of  $x$  under the group action of the absolute Galois group  $G_K$  on  $L$ .