



Math for the people, by the people.

absolute Galois group

|                  |                     |
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Let  $k$  be a field. The *absolute Galois group*  $G_k$  of  $k$  is the Galois group  $\text{Gal}(k^{\text{sep}}/k)$  of the field extension  $k^{\text{sep}}/k$ , where  $k^{\text{sep}}$  is the separable closure of  $k$ .