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Riemann surfaces defined over a number field

(Belyi) A Riemann surface is defined over a number field $\iff$ there is a branched cover

$$X \rightarrow \mathbb{CP}^1$$

with branch locus in $\{0, 1, \infty\}$.

[1]

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- [stem](#)
 - [Objects stemming from \$\mathbb{R}\$ -spaces of dimension 2](#)
 - [Riemann surfaces](#)
 - [Riemann surfaces defined over a number field](#)

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- [stem](#)
 - [Objects stemming from \$\mathbb{R}\$ -spaces of dimension 2](#)
 - [Riemann surfaces](#)
 - [Vector bundles on complex 1-manifolds](#)
 - [Classification of complex 1-manifold](#)
 - [Riemann's existence of holomorphic maps between compact Riemann surfaces](#)
 - [Divisors on compact Riemann surfaces](#)
 - [Fluid](#)
 - [Meromorphic differentials on Riemann surfaces](#)
 - [Holomorphic functions on a complex 1-manifold](#)
 - [Holomorphic maps of type \$0 \xrightarrow{3} 0\$](#)
 - [Rational maps](#)
 - [Hurwitz scheme](#)
 - [Moduli space of \$\mathbb{C}\$ -manifolds](#)
 - [Meromorphic functions on a Riemann surface](#)
 - [Normalization of plane projective \$\mathbb{C}\$ -curves and Riemann surfaces](#)
 - [Riemann surfaces defined over a number field](#)
 - [Hyperelliptic Riemann surfaces](#)
 - [Riemann surfaces with a holomorphic 1-form](#)

1. <https://ananddeopurkar.org/talks/Belyi2021.pdf> $\leftrightarrow$