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[Navigation](#)

- * [\[Main page\]](/wiki/Main_Page)(/wiki/Main_Page "Visit the main page [z]")
- * [\[Contents\]](/wiki/Wikipedia:Contents)(/wiki/Wikipedia:Contents "Guides to browsing Wikipedia")
- * [\[Current events\]](/wiki/Portal:Current_events)(/wiki/Portal:Current_events "Articles related to current events")
- * [\[Random article\]](/wiki/Special:Random)(/wiki/Special:Random "Visit a randomly selected article [x]")
- * [\[About Wikipedia\]](/wiki/Wikipedia:About)(/wiki/Wikipedia:About "Learn about Wikipedia and how it works")
- * [\[Contact us\]](//en.wikipedia.org/wiki/Wikipedia:Contact_us)(//en.wikipedia.org/wiki/Wikipedia:Contact_us "How to contact Wikipedia")

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- * [\[Help\]](/wiki/Help:Contents)(/wiki/Help:Contents "Guidance on how to use and edit Wikipedia")
- * [\[Learn to edit\]](/wiki/Help:Introduction)(/wiki/Help:Introduction "Learn how to edit Wikipedia")
- * [\[Community portal\]](/wiki/Wikipedia:Community_portal)(/wiki/Wikipedia:Community_portal "The hub for editors")
- * [\[Recent changes\]](/wiki/Special:RecentChanges)(/wiki/Special:RecentChanges "A list of recent changes to Wikipedia [r]")
 - * [\[Upload file\]](/wiki/Wikipedia:File_upload_wizard)(/wiki/Wikipedia:File_upload_wizard "Add images or other media for use on Wikipedia")

[Languages](#)

[!](/static/images/icons/wikipedia.png)

![Wikipedia](/static/images/mobile/copyright/wikipedia-wordmark-en.svg) ![The
Free Encyclopedia](/static/images/mobile/copyright/wikipedia-tagline-en.svg)
](/wiki/Main_Page)

[Search](/wiki/Special:Search "Search Wikipedia \[f\]")

Search

Appearance

*

[Donate](https://donate.wikimedia.org/?wmf_source=donate&wmf_medium=sidebar&wmf_campaign
=en.wikipedia.org&uselang=en)

* [Create account](/w/index.php?title=Special:CreateAccount&returnto=Top-p+sampling "You are
encouraged to create an account and log in; however, it is not mandatory")

* [Log in](/w/index.php?title=Special:UserLogin&returnto=Top-p+sampling "You're encouraged to
log in; however, it's not mandatory. \[o\]")

Personal tools

*

[Donate](https://donate.wikimedia.org/?wmf_source=donate&wmf_medium=sidebar&wmf_campaign
=en.wikipedia.org&uselang=en)

* [Create account](/w/index.php?title=Special:CreateAccount&returnto=Top-p+sampling "You are
encouraged to create an account and log in; however, it is not mandatory")

* [Log in](/w/index.php?title=Special:UserLogin&returnto=Top-p+sampling "You're encouraged to log in; however, it's not mandatory. \[o\]")

Pages for logged out editors [learn more](/wiki/Help:Introduction)

* [Contributions](/wiki/Special:MyContributions "A list of edits made from this IP address \[y\]")

* [Talk](/wiki/Special:MyTalk "Discussion about edits from this IP address \[n\]")

Log in

English

Tools

Tools

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Actions

General

* [Upload file](//en.wikipedia.org/wiki/Wikipedia:File_Upload_Wizard "Upload files \[u\]")

* [Special pages](/wiki/Special:SpecialPages "A list of all special pages \[q\]")

* [Printable version](javascript:print(\); "Printable version of this page \[p\]")

* [Get shortened URL](/w/index.php?title=Special:UrlShortener&url=https%3A%2F%2Fen.wikipedia.org%2Fw%2Find

ex.php%3Ftitle%3DSpecial%3AUserLogin%26centralAuthAutologinTried%3D1%26centralAuthError%3DNot%2Bcentrally%2Blogged%2Bin%26returnto%3DTop-p%2Bsampling)

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code](/w/index.php?title=Special:QrCode&url=https%3A%2F%2Fen.wikipedia.org%2Fw%2Findex.php%3Ftitle%3DSpecial%3AUserLogin%26centralAuthAutologinTried%3D1%26centralAuthError%3DNot%2Bcentrally%2Blogged%2Bin%26returnto%3DTop-p%2Bsampling)

In other projects

Appearance

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Username

Password

Keep me logged in (for up to one year)

Log in

[Help with logging

in](https://www.mediawiki.org/wiki/Special:MyLanguage/Help:Logging_in)

[Forgot your password?](/wiki/Special:PasswordReset "Special:PasswordReset")

Don't have an account?[Join

Wikipedia](/w/index.php?title=Special:CreateAccount&returnto=Top-p+sampling&campaign=loginCTA)

!](https://login.wikimedia.org/wiki/Special:CentralAutoLogin/start?useformat=desktop&type=1x1&usesul3=0)

Retrieved from "<<https://en.wikipedia.org/wiki/Special:UserLogin>>"

* [Privacy policy](https://foundation.wikimedia.org/wiki/Special:MyLanguage/Policy:Privacy_policy)

* [About Wikipedia](/wiki/Wikipedia:About)

* [Disclaimers](/wiki/Wikipedia:General_disclaimer)

* [Contact Wikipedia](//en.wikipedia.org/wiki/Wikipedia:Contact_us)

* [Code of

Conduct](https://foundation.wikimedia.org/wiki/Special:MyLanguage/Policy:Universal_Code_of_Conduct)

* [Developers](https://developer.wikimedia.org)

* [Statistics](https://stats.wikimedia.org/#/en.wikipedia.org)

* [Cookie

statement](https://foundation.wikimedia.org/wiki/Special:MyLanguage/Policy:Cookie_statement)

* [Mobile

view](//en.m.wikipedia.org/w/index.php?title=Special:UserLogin¢ralAuthAutologinTried=1¢ralAuthError=Not+centrally+logged+in&returnto=Top-p+sampling&mobileaction=toggle_view_mobile)

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Search

Search

Log in

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