# Sample Document Using the Glossaries Package With Xindy

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## 1 Karl Friedrich Gauss

This is a section on Karl Friedrich Gauss. This section spans several pages.



This paragraph has been shoved to the bottom of the page using a rule. This paragraph spans a page break for testing purposes to ensure the glossary entry

in this paragraph has the correct location. Here's the glossary entry: Gaussian function.

This page talks about Gaussian integers. Since it's the principle definition, the user-defined hyperbfit format is used.

The section on Gauss ends here.

## 2 Series Expansions

This section is about series expansions. It mentions Colin Maclaurin and Brook Taylor. It also discusses Taylor's theorem which is related to the Taylor series. The Maclaurin series is a special case of the Taylor series.

## 3 Archimedes' principle

This section discusses Archimedes' principle which was introduced by Archimedes of Syracuse.

## 4 Another section

This section covers Ernst Mach who introduced the Mach number. It also mentions André-Marie Ampère after whom the SI unit ampere is named. It then discusses Sir Francis Galton and Thomas Robert Malthus. Finally it mentions John Loudon McAdam.

This page discusses Quinn McNemar who introduced McNemar's test and Giuseppe Peano who discovered Peano's curve.

## Glossary

### M

**Maclaurin series**

Series expansion. *see* Taylor's theorem

### T

**Taylor series**

Series expansion. *see* Taylor's theorem