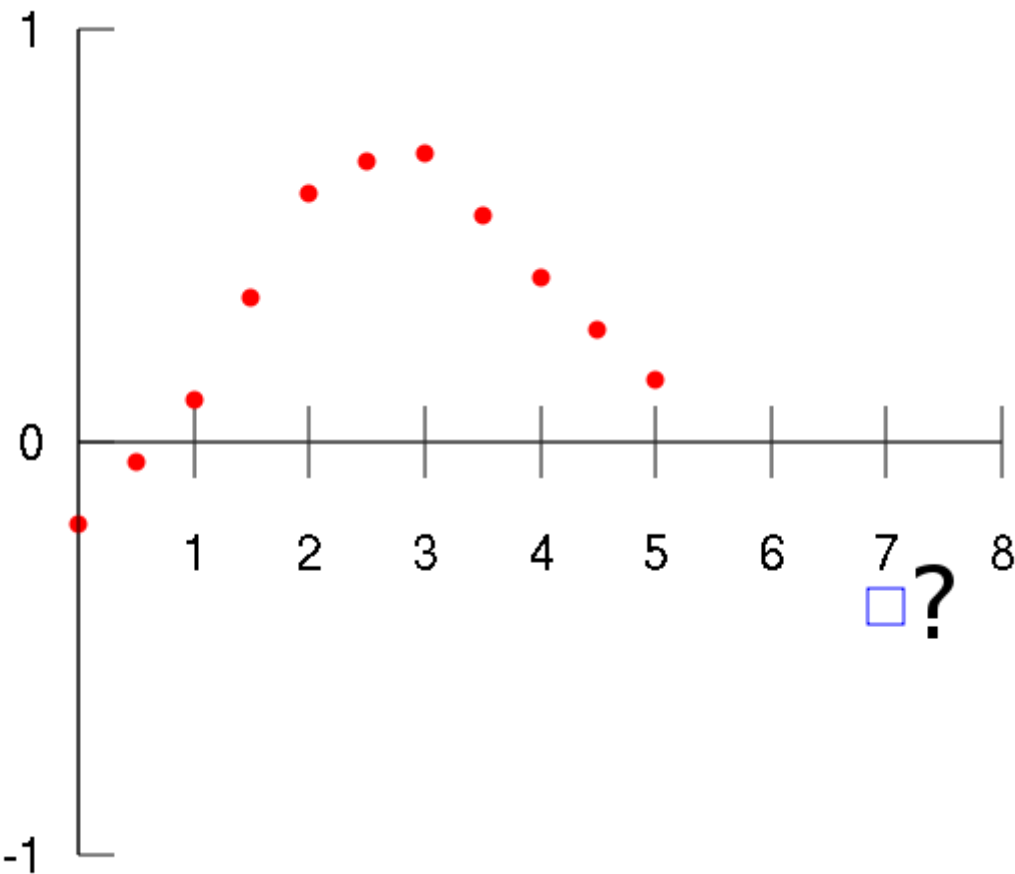



File:Extrapolation example.svg

From Wikipedia, the free encyclopedia



Size of this PNG preview of this SVG file600 × 480 pixels
Original file (SVG file, nominally 600 × 480 pixels, file size: 10 KB)

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Summary

Description

Illustration of Extrapolation. The red points are assumed known and the extrapolation problem consists of giving a meaningful value to the blue box at $x = 7$.

Date 24 June 2007

Source self-made in Gnuplot. Question mark added in Inkscape.

Author Berland


Gnuplot source code

```
set terminal svg fname "Helvetica" fsize 25
set output "Extrapolation_example.svg"
set key off
set xzeroaxis
```

15/09/2017File:Extrapolation example.svg - Wikipedia

```
set xtics axis 1,1
set ytics nomirror 1
set border 2
set xrange [0:8]
plot "-" with points pointtype 7 pointsize 0.5, 0 with lines -1,\
      "-" with points pointtype 4 pointsize 1
0 -0.2
0.5 -0.05
1 0.1
1.5 0.35
2 0.6
2.5 0.68
3 0.7
3.5 0.55
4 0.4
4.5 0.27
5 0.15
e
7 -0.4
e
```

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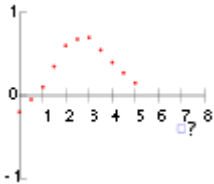
```
set terminal svg fname "Helvetica" fsize 25 set output "Extrapolation_example.svg" set key off set xzeroaxis
set xtics axis 1,1 set ytics nomirror 1 set border 2 set xrange [0:8] plot "-" with points pointtype 0 pointsize 0.5,
0 with lines -1,\
```

```
"-" with points pointtype 4 pointsize 1
```

0 2.6680 0.5 2.6975 1 2.7272 1.5 2.7568

File history

Click on a date/time to view the file as it appeared at that time.

| | Date/Time | Thumbnail | Dimensions | User | Comment |
|---------|---------------------|---|-------------------|---------|--|
| current | 15:34, 24 June 2007 |  | 600 × 480 (10 KB) | Berland | { {Information Description=Illustration of Extrapolation. The red points are assumed known and the extrapolation problem consists of giving a meaningful value to the blue box at $x=7$. Source=self-made in Gnuplot. Questio |

File usage

The following pages on the English Wikipedia link to this file (pages on other projects are not listed):

- Extrapolation

Global file usage

The following other wikis use this file:

- Usage on ca.wikipedia.org
 - Extrapolació
- Usage on eo.wikipedia.org
 - Regreso (statistiko)
- Usage on es.wikipedia.org
 - Extrapolación (matemática)
- Usage on hi.wikipedia.org
 - बहिर्वेशन
- Usage on nn.wikipedia.org
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- Usage on pl.wikipedia.org
 - Ekstrapolacja (matematyka)
- Usage on sv.wikipedia.org
 - Extrapolering
- Usage on sv.wikibooks.org
 - Diskussion:Matematik för årskurs 7-9/Funktioner och grafer
- Usage on sv.wiktionary.org
 - extrapolera

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