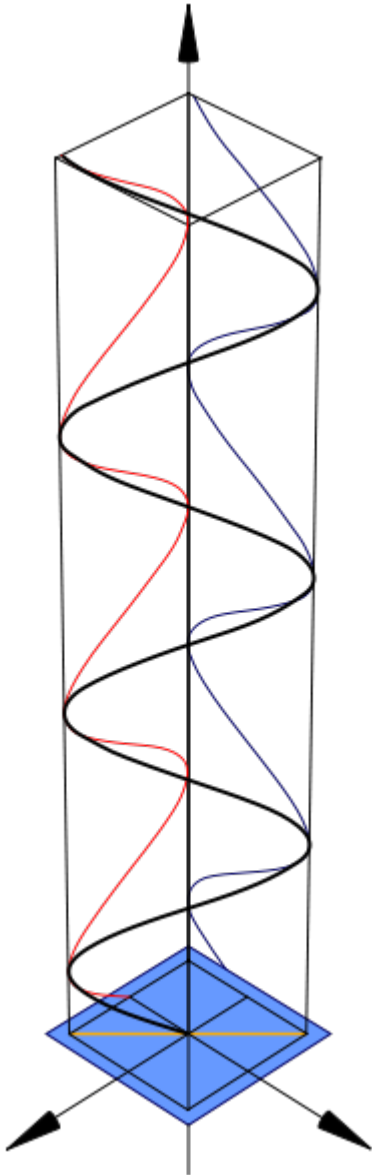


## Datei:Polarisation (Linear).png

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Es ist keine höhere Auflösung vorhanden.

[Polarisation\\_\(Linear\).png](#) (240 × 600 Pixel, Dateigröße: 30 KB, MIME-Typ: image/png)

## Mathematica Code

This figure requires the use of `Arrow3D`, which is not included in the `StandardPackages` (as of Feb 2007). This can be obtained from Wolfram Research at [this location](#). The required packages are:

```
<< Graphics`  
<< Arrow3D`Arrow3D`
```

The code is:

```

wavefunction=ParametricPlot3D[{Sin[4t], -Sin[4t], t}, {t, 0, 5},
  BoxRatios\[Rule]{1,
  1, 4}, ImageSize\[Rule]400, Boxed\[Rule]False, Axes\[Rule]False,
  PlotPoints\[Rule]60, ViewPoint->{2, 2, 2}, PlotRange\[Rule]All]

repsi=ParametricPlot3D[{Sin[4t], -1, t, RGBColor[1, 0, 0]}, {t, 0, 5},
  BoxRatios\[Rule]{4, 1, 1}, ImageSize\[Rule]500,
  Boxed\[Rule]False, Axes\[Rule]False,
  PlotPoints\[Rule]60, PlotRange\[Rule]All]

imps=ParametricPlot3D[{-1, -Sin[4t], t, RGBColor[0, 0, 102/255]}, {
  t, 0, 5}, BoxRatios\[Rule]{4, 1, 1}, ImageSize\[Rule]500, Boxed\[Rule]False,
  Axes\[Rule]False, PlotPoints\[Rule]60, PlotRange\[Rule]All]

end=ParametricPlot3D[{Sin[t], -Sin[t], 0}, {t, 0, 2π}, BoxRatios\[Rule]{4, 1, 1},
  ImageSize\[Rule]500, Boxed\[Rule]False, Axes\[Rule]False,
  PlotPoints\[Rule]10, PlotRange\[Rule]All]

xaxis=Graphics3D[Arrow3D[{0, 0, -1}, {
  0, 0, 6}], HeadSize \[Rule] UniformSize[.5], HeadColor\[Rule]Black]]

uaxis=Graphics3D[Arrow3D[{0, -1, 0}, {0, 3, 0}], HeadSize \[Rule]
  UniformSize[.5], HeadColor\[Rule]Black]]

vaxis=Graphics3D[Arrow3D[{-1, 0, 0}, {3, 0, 0}], HeadSize \[Rule]
  UniformSize[.5], HeadColor\[Rule]Black]]

plane=Graphics3D[Polygon[{{1.2, 1.2, 0}, {1.2, -1.2, 0}, {-1.2, -1.2, 0}, {-1.2, 1.2, 0}}
\
]]

crate=WireFrame[Graphics3D[Cuboid[{1, 1, 0}, {-1, -1, 5}]]]

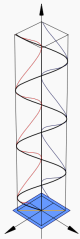
Show[wavefunction, xaxis, uaxis, vaxis, plane, repsi, imps, end, crate]

```

Quelle: de.wikipedia.org

## Dateiversionen

Klicken Sie auf einen Zeitpunkt, um diese Version zu laden.

|         | Version vom          | Vorschaubild                                                                        | Maße              | Benutzer                       | Kommentar                                                                                                                                                                                                                                                     |
|---------|----------------------|-------------------------------------------------------------------------------------|-------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| aktuell | 20:12, 12. Dez. 2009 |  | 240 × 600 (30 KB) | Oe1mcu (Diskussion   Beiträge) | ==Mathematica Code== This figure requires the use of Arrow3D, which is not included in the StandardPackages (as of Feb 2007). This can be obtained from Wolfram Research at [http://library.wolfram.com/infocenter/TechNotes/4117/this location]. The require |

Sie können diese Datei nicht überschreiben.

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## Dateiverwendung

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Die folgende Seite verwendet diese Datei:

- [Antennenkompendium](#)