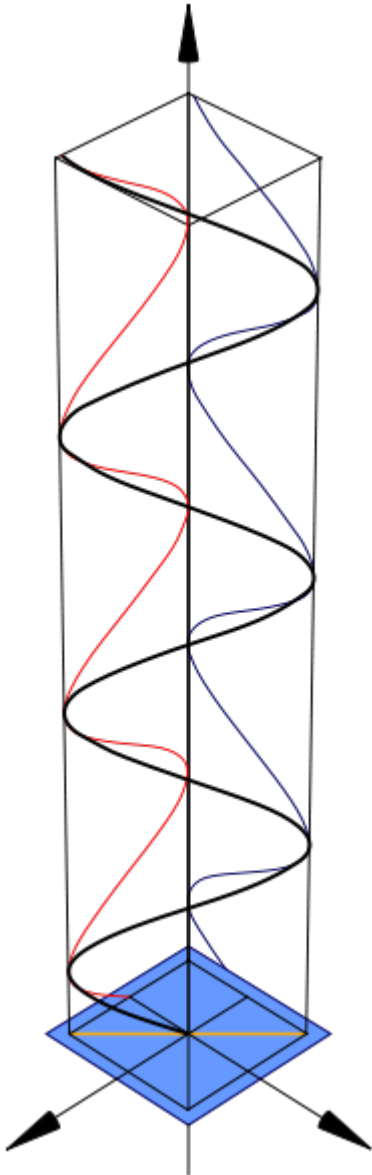

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Es ist keine höhere Auflösung vorhanden.

[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}]]]

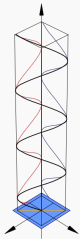
Show[wavefunction, xaxis, uaxis, vaxis, plane, repsi, imps, end, crate]

```

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.

Dateiverwendung

Die folgende Seite verwendet diese Datei:

- [Antennenkompendium](#)