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Datei:Polarisation (Circular).png

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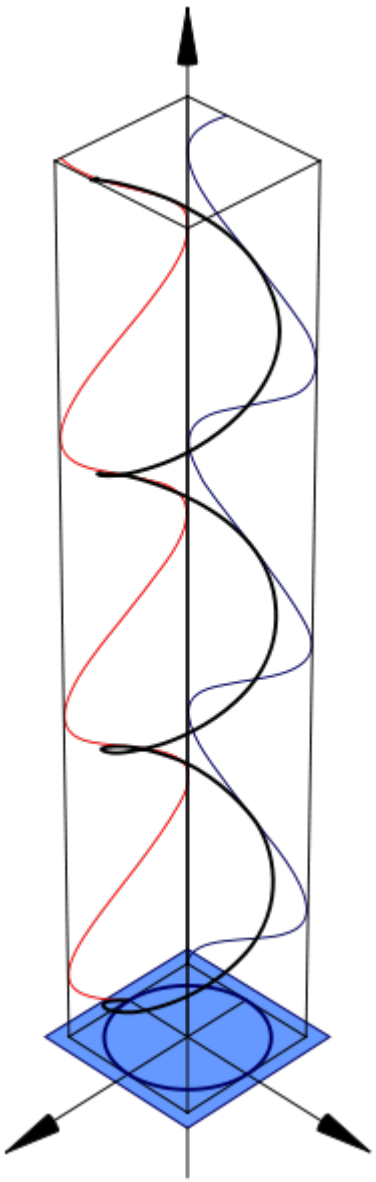


Es ist keine höhere Auflösung vorhanden.

Polarisation_(Circular).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`
```

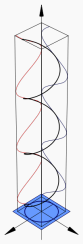
The code is:

```
wavefunction = ParametricPlot3D[{Sin[4t], -Cos[4t], t}, {t, 0, 5},
BoxRatios -> {1, 1, 4}, ImageSize -> 400, Boxed -> False, Axes ->
    False, PlotPoints -> 600, ViewPoint -> {2, 2, 2}, PlotRange -> All]

repsi = ParametricPlot3D[{Sin[4t], -1, t, RGBColor[1, 0, 0]}, {t, 0, 5},
    BoxRatios -> {4, 1, 1}, ImageSize -> 500,
     Boxed -> False, Axes -> False, PlotPoints -> 600, PlotRange -> All]

impsi = ParametricPlot3D[{-1, -Cos[4t], t, RGBColor[0, 0, 102/255]}, {t, 0, \
5}, BoxRatios -> {4, 1, 1}, ImageSize -> 500, Boxed -> False, Axes -> False,
      PlotPoints -> 600, PlotRange -> All]

end = ParametricPlot3D[{Sin[t], -Cos[t], 0}, {t, 0,
    2π}, BoxRatios -> {4, 1, 1}, ImageSize -> 500, Boxed -> False,
    Axes -> False, PlotPoints -> 600, PlotRange -> All]

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

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

vaxis = Graphics3D[Arrow3D[{-1, 0, 0}, {3, 0, 0}, HeadSize ->
    UniformSize[.5], HeadColor -> 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, impsi, end, crate]
```

QUELLE: de.wikipedia.org

Dateiversionen

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

	Version vom	Vorschaubild	Maße	Benutzer	Kommentar
aktuell	20:13, 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

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impsi = ParametricPlot3D[{-1, -Cos[4t], t, RGBColor[0, 0, 102/255]}, {t, 0, \
5}, BoxRatios -> {4, 1, 1}, ImageSize -> 500, Boxed -> False, Axes -> False,
      PlotPoints -> 600, PlotRange -> All]

end = ParametricPlot3D[{Sin[t], -Cos[t], 0}, {t, 0,
    2π}, BoxRatios -> {4, 1, 1}, ImageSize -> 500, Boxed -> False,
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   0}, {-1.2, -1.2, 0}, {-1.2, 1.2, 0}}]]

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