

Datei:Polarisation (Linear).png

Aktuelle Version vom 12. Dezember 2009, 20:12 Uhr (Quelltext anzeigen)

[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)

(kein Unterschied)

Aktuelle Version vom 12. Dezember 2009, 20:12 Uhr

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:

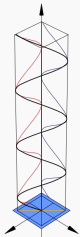
```
wavefunction=ParametricPlot3D[{Sin[4t], -Sin[4t], t}, {t, 0, 5},  
  BoxRatios[Rule]{1,  
    1, 4}, ImageSize[Rule]400, Boxed[Rule]False, Axes[Rule]False,  
  PlotPoints[Rule]60, ViewPoint->{2, 2, 2}, PlotRange[Rule]All]  
  
repsi=ParametricPlot3D[{Sin[4t], -1, t, RGBColor[1, 0, 0]}, {t, 0, 5},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

```
\n]]\n\ncrate=WireFrame[Graphics3D[Cuboid[{1,1,0},{-1,-1,5}]]]\n\nShow[wavefunction,xaxis,uaxis,vaxis,plane,repai,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	20:12, 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