

DOING PHYSICS WITH PYTHON

QUANTUM MECHANICS

VISIBLE SPECTRUM DISPLAY

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DOWNLOAD DIRECTORY FOR MATLAB SCRIPTS

qmSpectrum.py

GitHub

Google Drive

The Python code **qmSpectrum.py** can be used to produce a plot of the visible spectrum for the wavelength range from 380 nm to 780 nm. The script uses the **fill_between** plot function to give the spectrum. The colour for each wavelength is calculated from the function **colour(wL)** where wL is the wavelength of the light from 380 nm to 780 nm.

The plot of for the visible spectrum is shown below.

