

Figure is the X-ray diffraction spectrum for a powdered silicon sample.

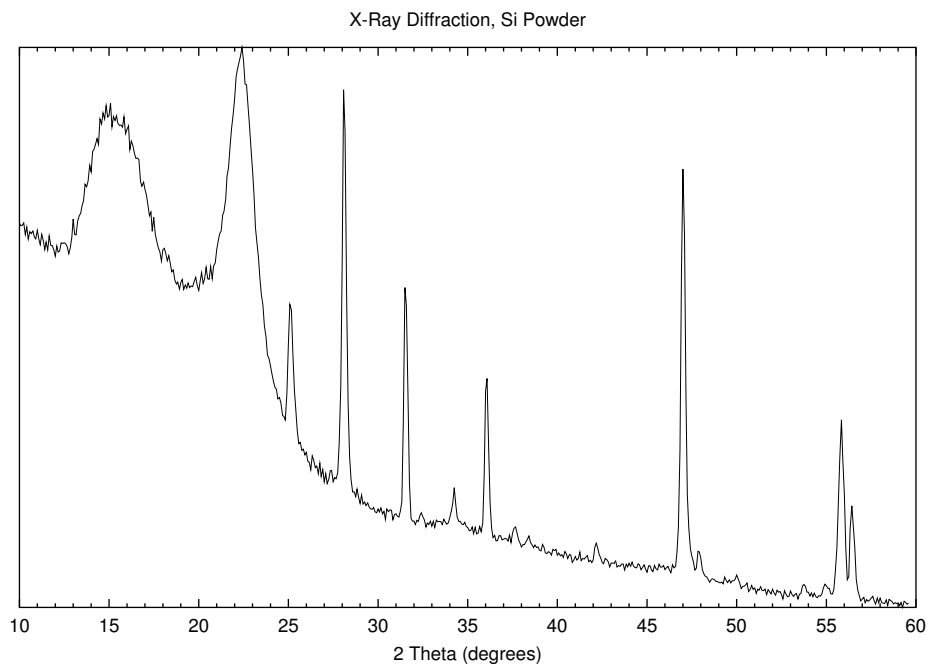


Figure 1: Here is the caption

To create this graph, I used gnuplot. Once gnuplot had the graph looking the way I liked, I gave these commands to gnuplot to save the file as postscript:

```
>> set terminal postscript enhanced eps
>> set output 'Si-2.eps'
>> replot
>> set output
```

Then to change the file to pdf I used, from the command line,

```
$ ps2pdf Si-2.eps
```

This created a the file Si-2.pdf. Make sure that your graphic files are in the same directory as your latex file!