

Converting “sticks” into spectra

Use the programs

Abs_spec.f (spectra in wavelength from 1 to 1000 nm)

Abs_cm_1_spec.f (spectra in wave number from 1 to 40000 cm⁻¹)

Ir_spec.f (infrared spectra from 1 to 4000 cm⁻¹)

You may compile

```
$ f77 abs_spec.f -o abs_spec
```

Same for the others.

The programs look for input from input.dat

Input.dat

#of points

#omega1 #intensity1

#omega2 #intensity2

#omega3 #intensity3

.....

