IGM Guesses

A tool for identifying absorption lines in QSO spectra
(could also work for stars, galaxies, etc)

IGM Guesses

A tool for identifying absorption lines in QSO spectra
(could also work for stars, galaxies, etc)

Scope:

IGM Guesses

A tool for identifying absorption lines in QSO spectra
(could also work for stars, galaxies, etc)

Scope:

* Identify the majority (hopefully all) absorption lines in a given spectrum.

IGM Guesses

A tool for identifying absorption lines in QSO spectra
(could also work for stars, galaxies, etc)

Scope:

* Identify the majority (hopefully all) absorption lines in a given spectrum.

* Provide reasonable good (z, N, b) guesses for subsequent Voigt profile fitting.

IGM Guesses

A tool for identifying absorption lines in QSO spectra
(could also work for stars, galaxies, etc)

Scope:

* Identify the majority (hopefully all) absorption lines in a given spectrum.

* Provide reasonable good (z, N, b) guesses for subsequent Voigt profile fitting.

* Straightforward handling of blends.

IGM Guesses: Philosophy

IGM Guesses: Philosophy

* Interactive identification.

IGM Guesses: Philosophy

* Interactive identification.

* Ambiguity is almost never avoidable, but should be treated in a consistent and reproduceable manner.

IGM Guesses: Philosophy

* Interactive identification.

* Ambiguity is almost never avoidable, but should be treated in a consistent and reproduceable manner.

* Different categories for identification certainty.

IGM Guesses: Philosophy

* Interactive identification.

* Ambiguity is almost never avoidable, but should be treated in a consistent and reproduceable manner.

* Different categories for identification certainty.

* Start with the most certain cases; finish with the least certain.

IGM Guesses: Philosophy

* Interactive identification.

* Ambiguity is almost never avoidable, but should be treated in a consistent and reproduceable manner.

* Different categories for identification certainty.

* Start with the most certain cases; finish with the least certain.

* Work in a absorption `component` framework (explain).

Show examples!