

Image Alignment and Subtraction

1. Put the `config.sex`, `config.scamp`, `config.swarp`, `sextractor.param`, `default.nnw`, `default.conv` in the same folder as your images together with code. Rename the reference files(ps1 images) as follows:

`reference_'objectname'_band.fits`. Run the code. A new directory named `SN_ALIGNED` will be created where all the resampled files will be found.

2. Put the template subtraction code in a folder and keep all the Science images in the same band in a folder (not all image) together with the reference image of the that band. No need to rename any files now. Keep the template subtraction code there and run it.