

BP/RP simulated spectra library (for different z , Av , $Gmag$) UGClib2b.

The UGC system should be able to be trained with a library of template BP/RP spectra with apriori known parameters in order to provide classification and astrophysical parameters prediction for each observed galaxy spectrum during the GAIA mission. UGC should estimate the galaxy redshift and the interstellar reddening influencing the spectrum, as well.