P.28 Gas Inflow and Nuclear Star Formation in Galaxies with Non-axisymmetric Bulge

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Low Density Environ.

- Sample: SDSS DR7
  - Mr<-19.5 & 0.02<0.055
  - ~3173 disk galaxies

- Nuclear star formation and ellipticity of a bulge have a correlation.

- The correlation is clearer in:
  1) Sa~Sb types
  2) Low density region
  3) Isolated galaxies