

## Measuring bulge and disk surface brightness in disk galaxies

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We present a two-dimensional parametric photometric decomposition to derive the parameters of the structural components of disk galaxies. The fitting algorithm adopts a Sersic and exponential model for the bulge and disk component, respectively. Seeing smearing is taken into account too. We are going to apply our code for photometric decomposition to a sample of galaxies for which ionized-gas and stellar kinematics is available. This will allow to derive the mass distribution of their luminous matter in order to constrain their dark matter content.

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