

A MULTI-WAVELENGTH PERSPECTIVE OF EXOTICA IN NGC 362

Greta Ettore



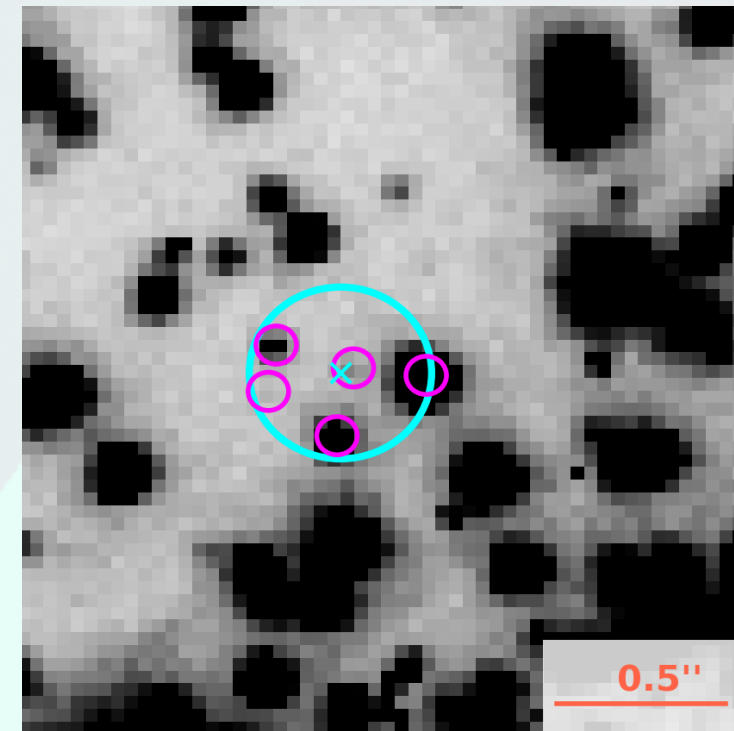
¹ Department of Physics and Astronomy “Augusto Righi”, University of Bologna
² INAF – Astrophysics and Space Science Observatory of Bologna



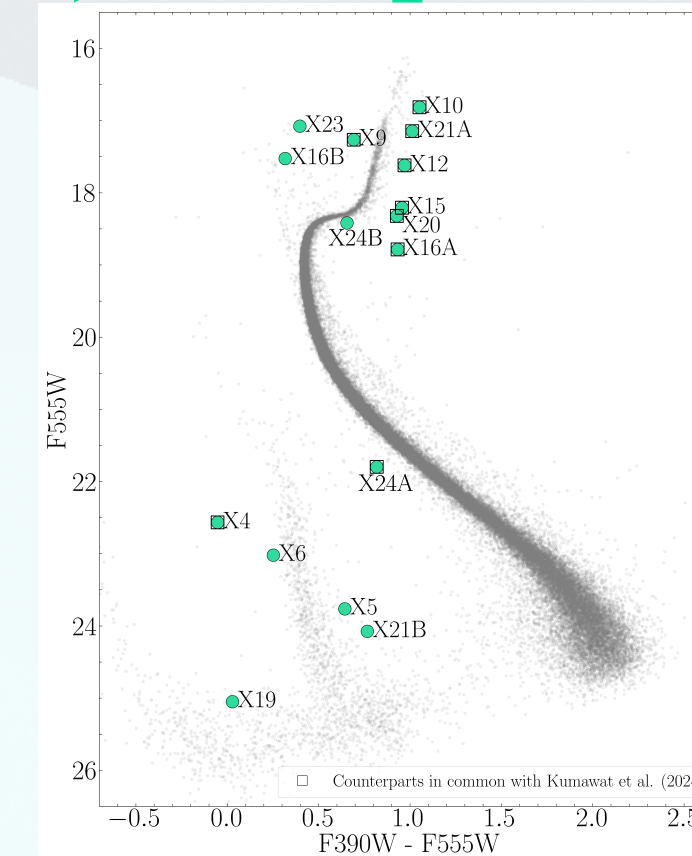
4-step analysis:

- **33 Chandra X-ray sources** identified by Kumawat et al. (2024) in NGC 362
- **Multi-wavelength and multi-epoch** photometric analysis aimed at searching for the **optical counterparts**
- **94 high-resolution images** from the *Hubble Space Telescope* covering a wavelength range from **near UV to the optical I band**
- The available images were analyzed with the **PSF-fitting software DAOPHOT (Stetson 1987)**

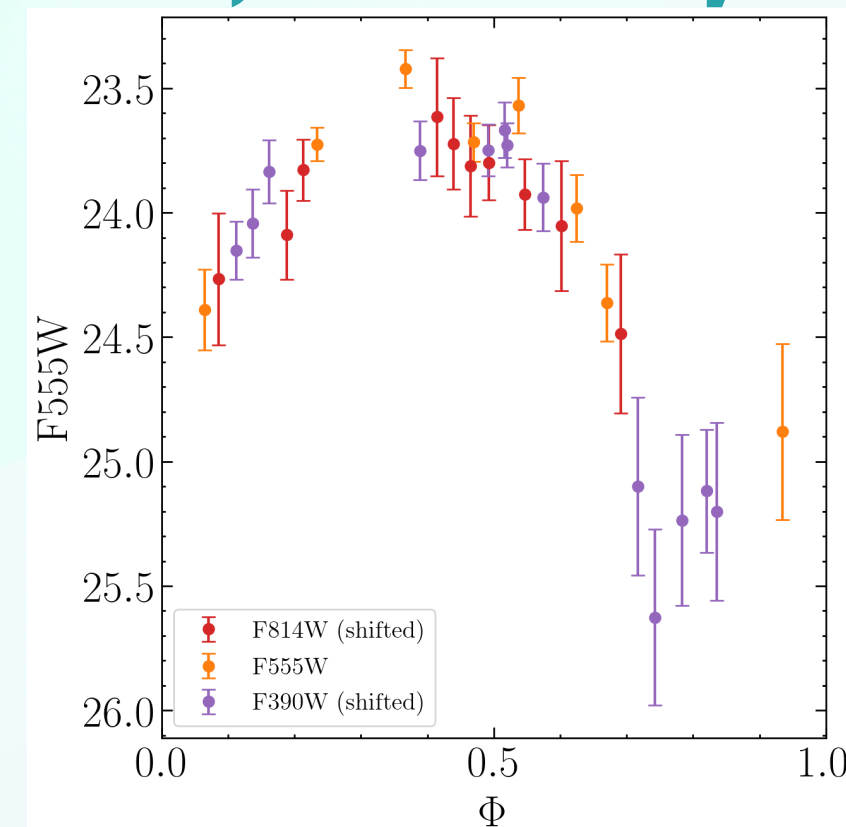
1) Positional coincidence



2) CMD position



3) Variability



4) H α excess

