Data processing of SPHERE data: FAQs

Paola Popesso - 2022-04-25 - Comments (0) - data processing FAQ for each instrument

Data processing of SPHERE data: Frequently asked questions

- **I do not have OBJECT,CENTER observations - can I use the bright spot near the center of the coronagraph as object position?**

Answer: The bright spot is not caused by stellar light coming through the coronagraph, but by a diffraction effect known as Arago spot or Fresnel bright spot. It does therefore not indicate the center position of the object and you should not use it as such.

- **Are there any colour transformations available for the SPHERE filters and another filter system?**

Answer: SPHERE imaging data are not flux calibrated, therefore there is no conversion to other photometric systems available.