Master in Space Sciences, Research Focus

Faculty of Science, Université de Liège

Master thesis : Optical & X-ray study of the Be + sdO binary φ Persei

Steven Christopher – 2023

Erratum

- Page 30, Equation 7: $exp\left[-\frac{-(x+a)^2}{2\sigma^2}\right]$ should instead be $exp\left[\frac{-(x+a)^2}{2\sigma^2}\right]$
- Page 32, Equations 16 & 17: the sin and cos components of the right side of both equations should be multiplied by K, i.e.

  $\sin(\omega T_i)\cos(\phi) + \cos(\omega T_i)\sin(\phi)$ becomes $K\left[\sin(\omega T_i)\cos(\phi) + \cos(\omega T_i)\sin(\phi)\right]$ for both equations

- Page 75, Table 20: in the last line of the table, the X-ray luminosities (columns 5 to 9) are mistakenly given with < symbols. This is erroneous as they are not upper limits but detected values.