Below we write the mathematical formulas we used to calculate various parameters of an exoplanet candidate with the name TIC-399665349 and it's mother star:

To calculate the radius of the planet R_p we used the formula:

$(Rp/Rs)^2=\Delta L/L$=drop of the luminocity of the mother star. The drop was calculated from the light curve: drop=0.00045 and $R_s=1.37171R_{sun}$,we have: $R_p=0.02909R_{sun}$

To calculate the mass of the mother star we used the equation from the HR diagram: $(L/L_{sun})=(M/M_{sun})^{3.5}$, so for $L_{sun}=1$ and L=2.96,we calculated the mass of the mother star to be: $M=1.36349\ M_{sun}$

R_s and L_{sun} were obtained from here:
https://www.universeguide.com/star/22449/tabit#related