

Re: chapter 1 redone

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To: Lisboa-Wright, Alexander <A.LisboaWright@2017.ljmu.ac.uk>; Bastian, Nathan <N.J.Bastian@ljmu.ac.uk>;

Hi Alex,

ok, now you have to be very careful and precise. The examiners do not understand why you are calculating BCs and what is all the issue of the $\log(g)$ -Teff plane.

Read again very carefully and critically the sections where you describe your method to determine A_x/A_V . Present the formulas to calculate the magnitude in filter x (M_x) including extinction.

You can then derive from them that in general

$$A_x/A_V = (BC(o) - BC(AV))/AV$$

(that is also Eq. 4 in Girardi et al. 2008, PASP 120:583).

Therefore, you need calculations of BCs.

To calculate BCs you need theoretical spectral energy distributions, and different types of stars are theoretically parametrized in terms of Teff, $\log(g)$ and chemical composition.

Make all of this crystal clear so that the comment of the external is addressed properly.

Most of this is already in your section, but you need to explain it logically and clearly following this guideline.

Cheers,

Maurizio

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