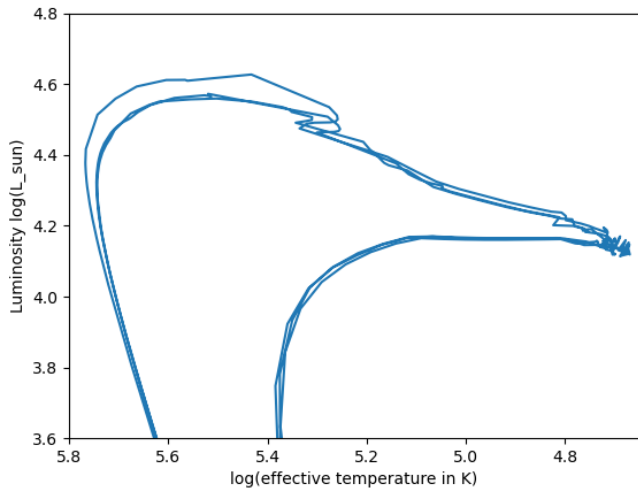
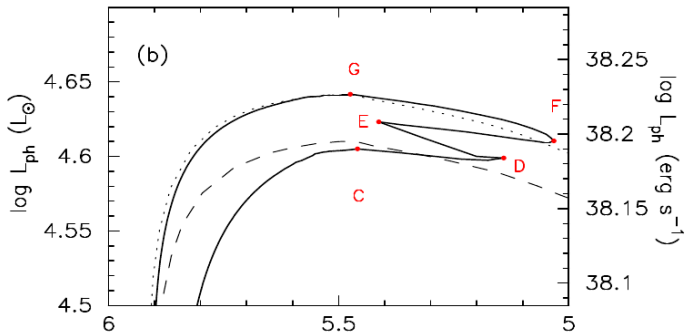


**Figure:** HRD of the evolution of a initially 5 solar mass star to a cooling WD.



**Figure:** typical HRD for the nova cycles with my tentative mass loss prescription. This looks like the enhanced mass loss from the companion happens too early.



**Figure:** Detailed view of the example HRD from a paper (M. Kato et al. 2017) that claims to have calculated nova-mass loss self consistently. Note: their WD was more massive, explaining the higher luminosity and temperature.

- ▶ My mass loss prescription starts enhanced mass loss too early, there are a couple of ways to change it, I will test some possibilities.
- ▶ After some testing I decided to go back to not using diffusion in the creation of the WD models, it takes much longer, breaks more often and is ultimately of questionable use.
- ▶ The mixing in novae happens only during/after the TNR, meaning that diffusion is likely the wrong path, better to implement overshooting with no diffusion.
- ▶ The proposal for the OGLE SSS got accepted, meaning I'll have to provide the second phase details while I am in Spain. What do I have to do/be careful of?