

## Can Age Difference Produce UV Upturn Variation among Elliptical Galaxies?

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Due to the explicit correlation between the magnitude of UV upturn (1550-V) and the metallicity of elliptical galaxies, most studies about the origin of UV radiations are concentrated on metal-rich stars in advanced stages of stellar evolution. However, we do not have any direct evidence that UV dominating population is metal-rich. In this respect, we have presented another possible candidate which is responsible for the UV upturn and its variations. From our population synthesis model, we showed that metal-poor population can produce UV upturn, and age differences result in substantial amount of variations among elliptical galaxies. Main population contributing to UV radiation is metal-poor HB and their progeny stars which reside in metal-poor tail of metallicity distribution.