

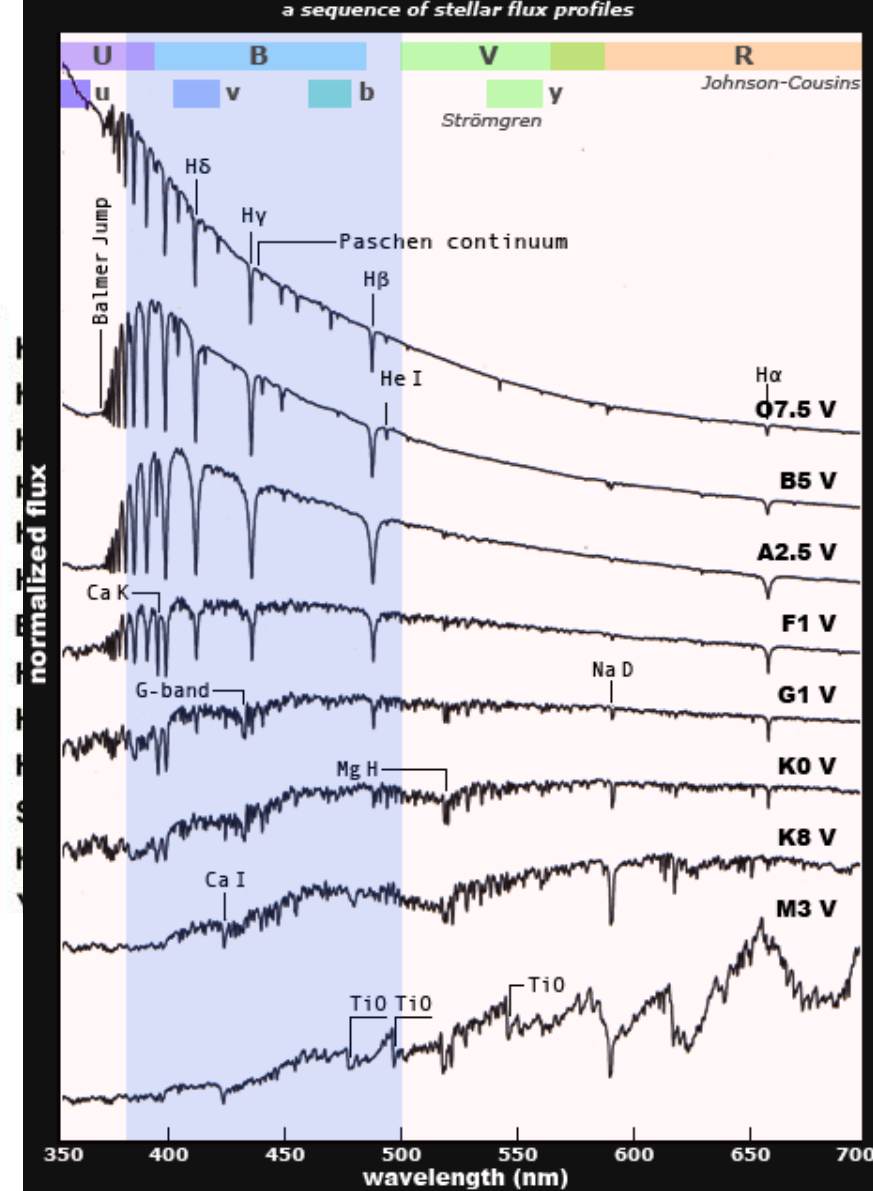
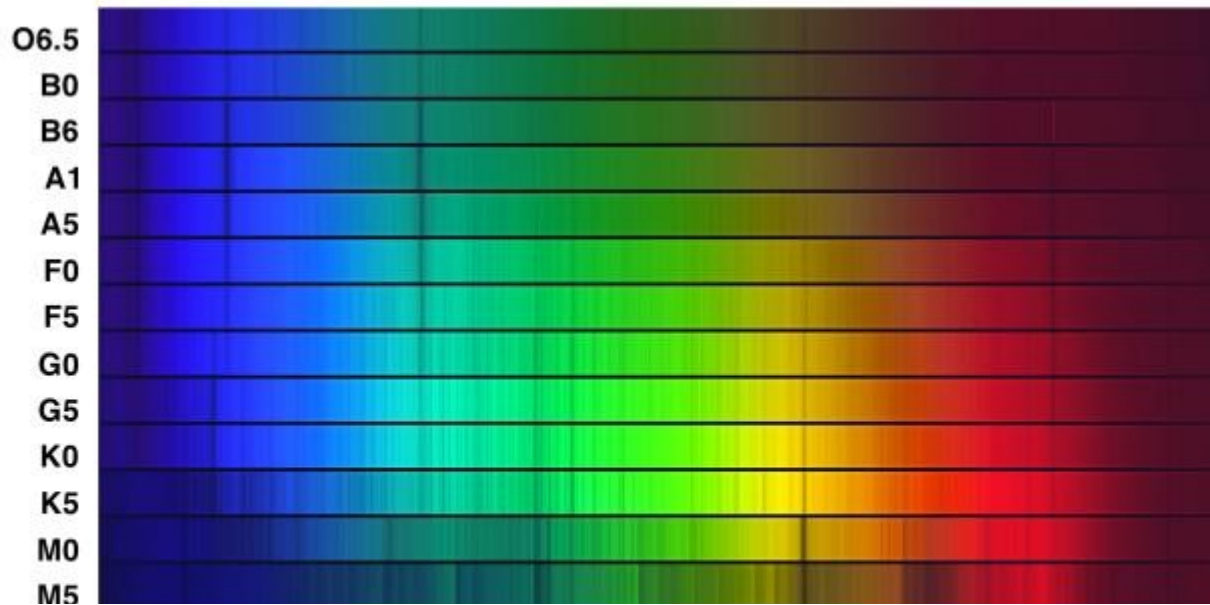
OPA 22 – Vežbe 6

Zračenje zvezda

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Spektri zvezda



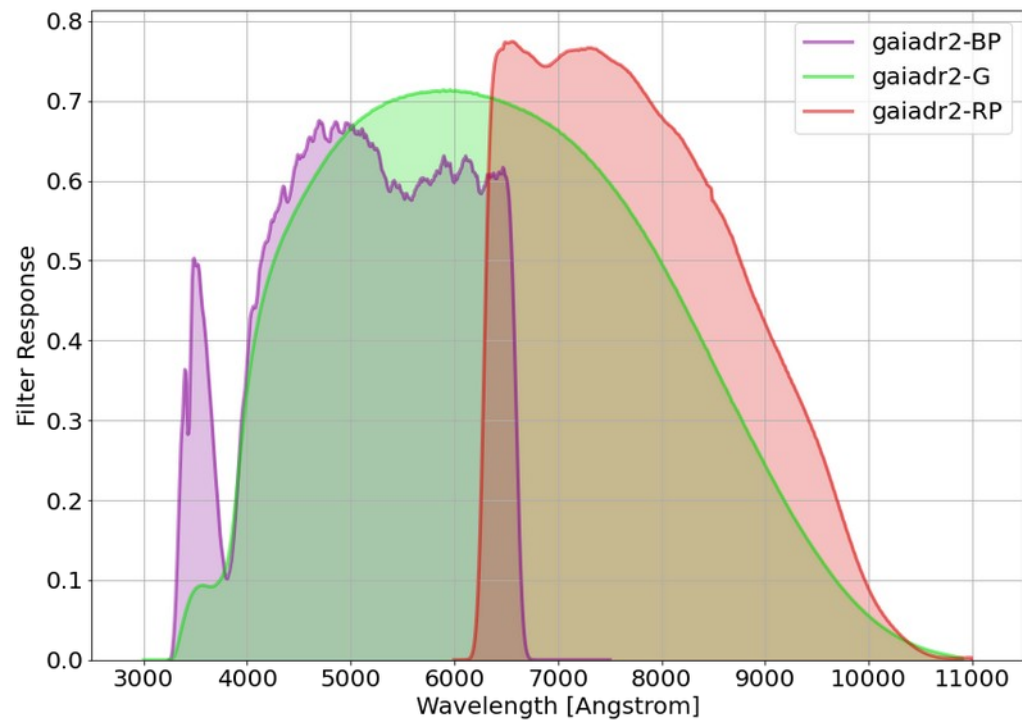
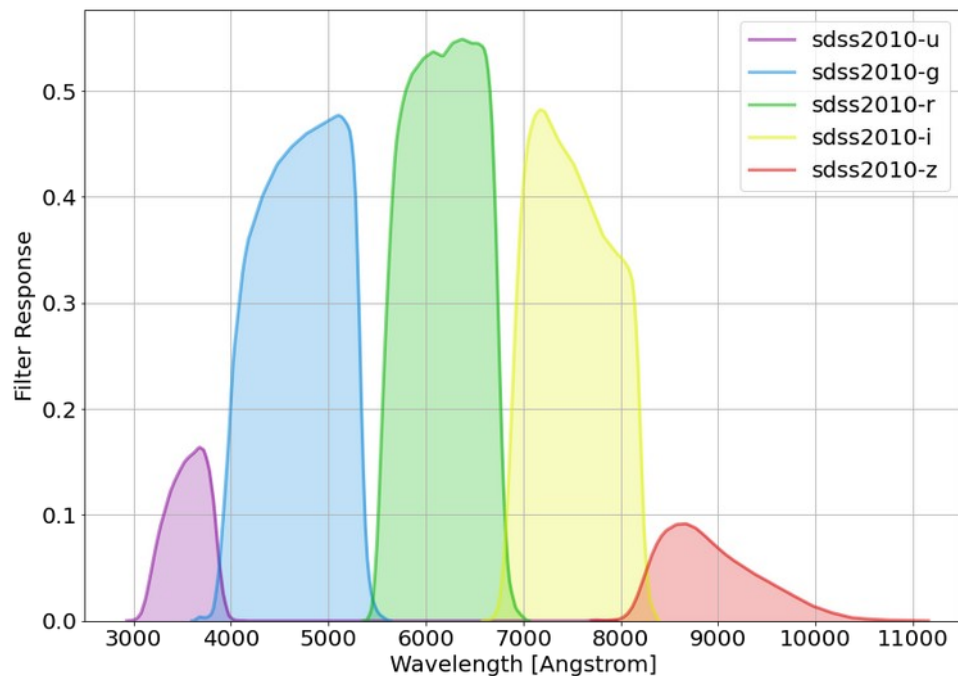




Magnitude

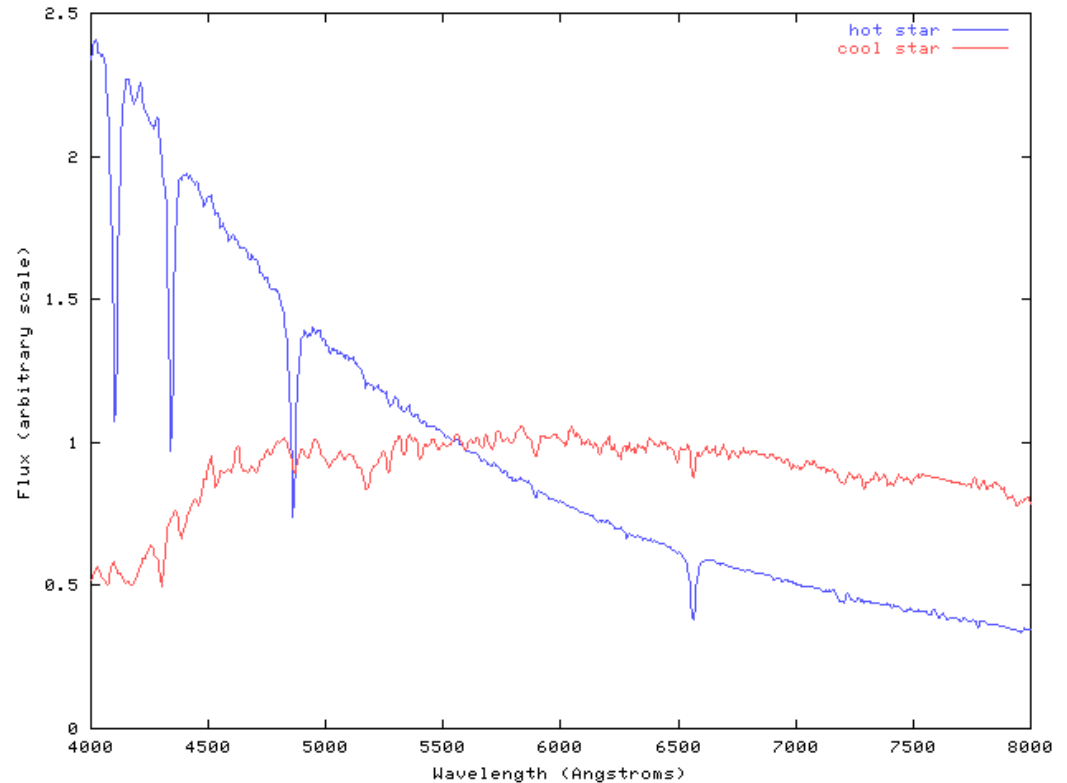
- Prividna m
- Apsolutna M

Filteri



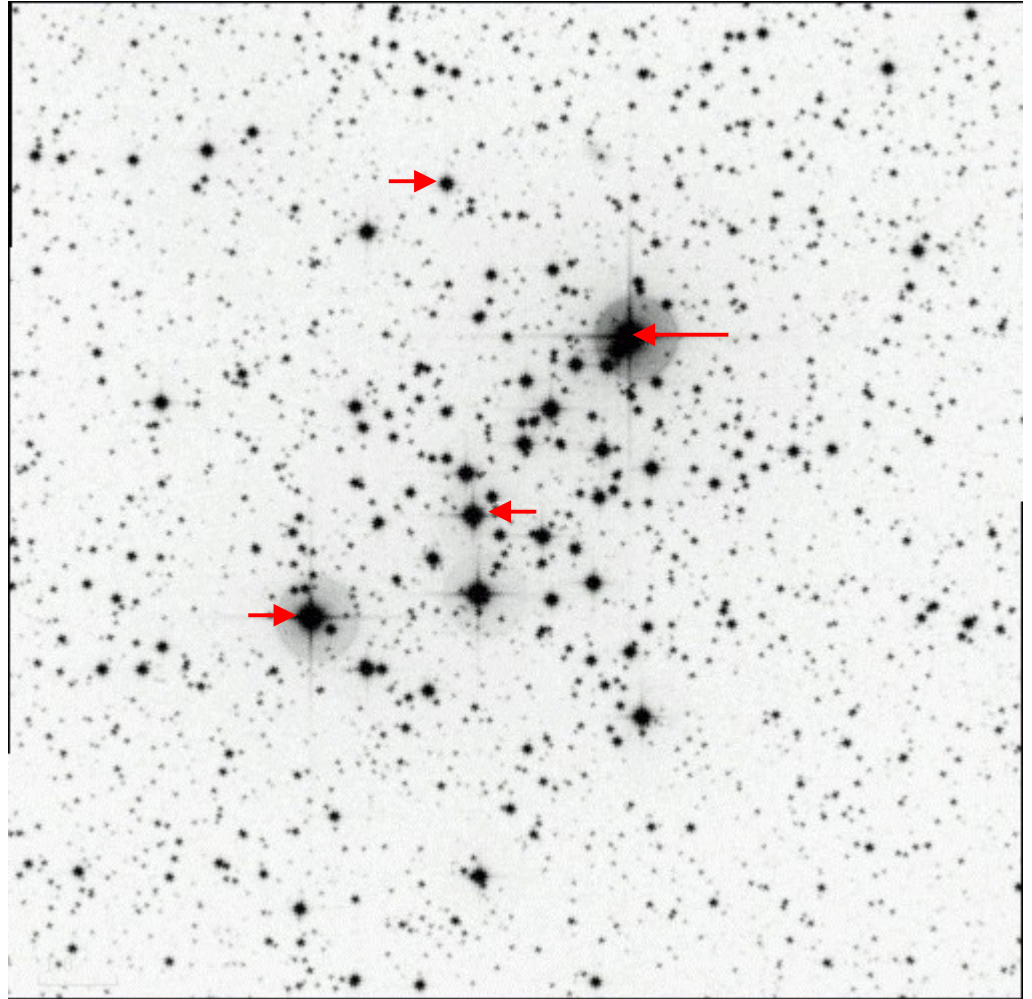
Indeks boje

- $m_B - m_V = B - V$



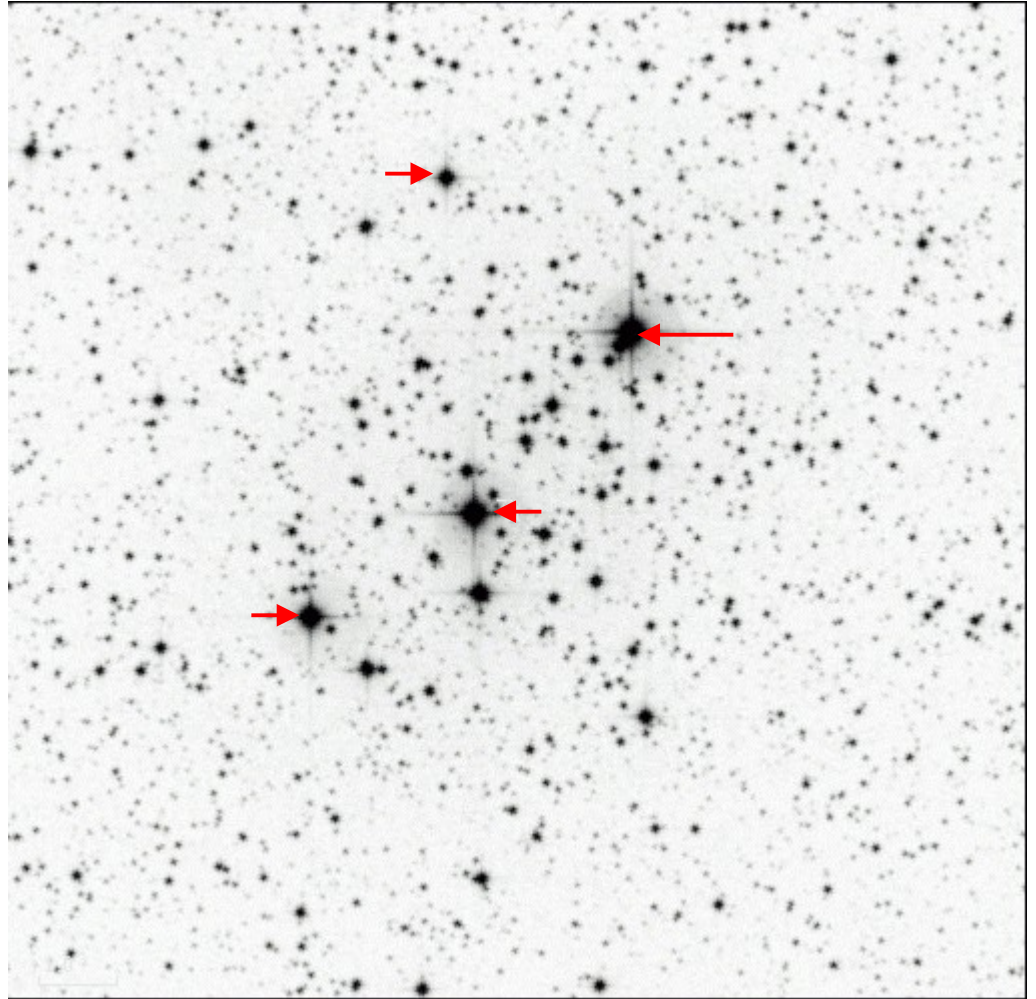
Jato zvezda M103

- J filter - 420nm



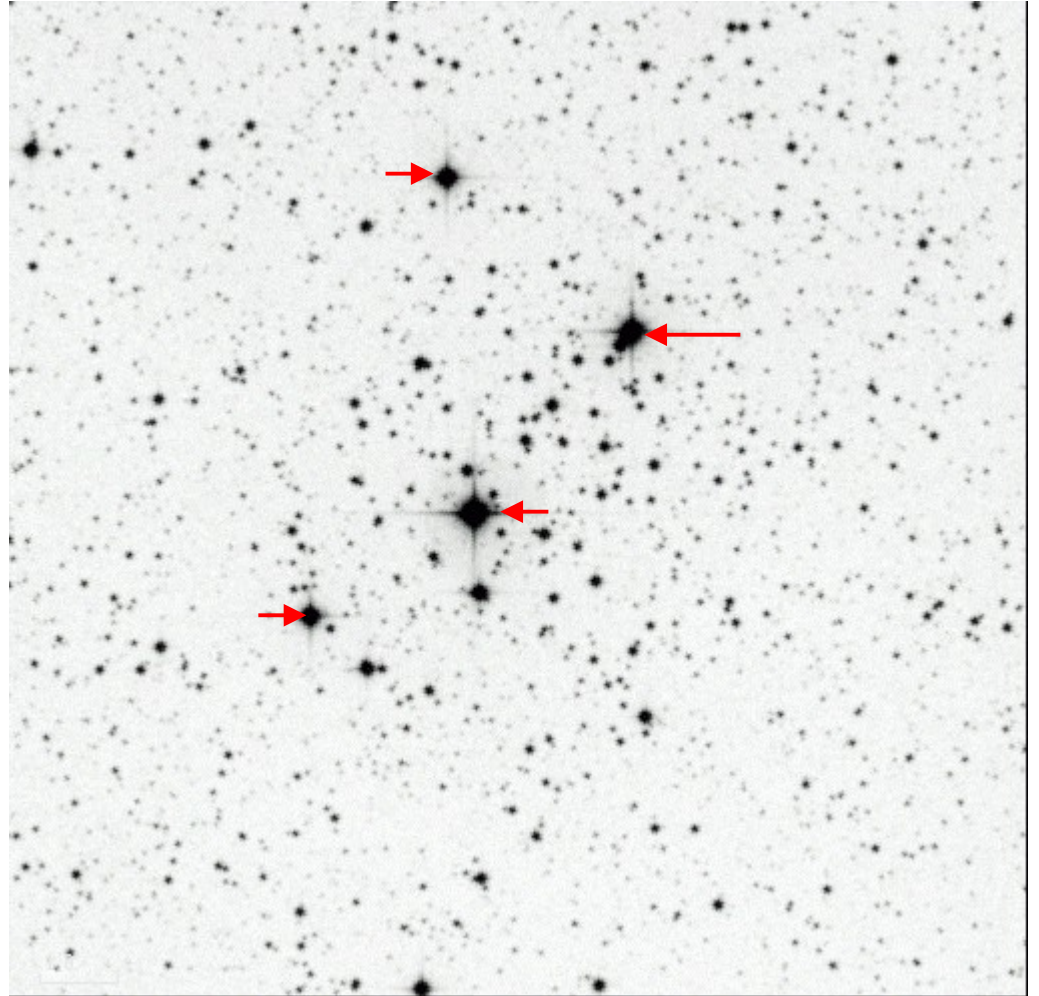
Jato zvezda M103

- F filter - 645nm



Jato zvezda M103

- N filter - 805nm

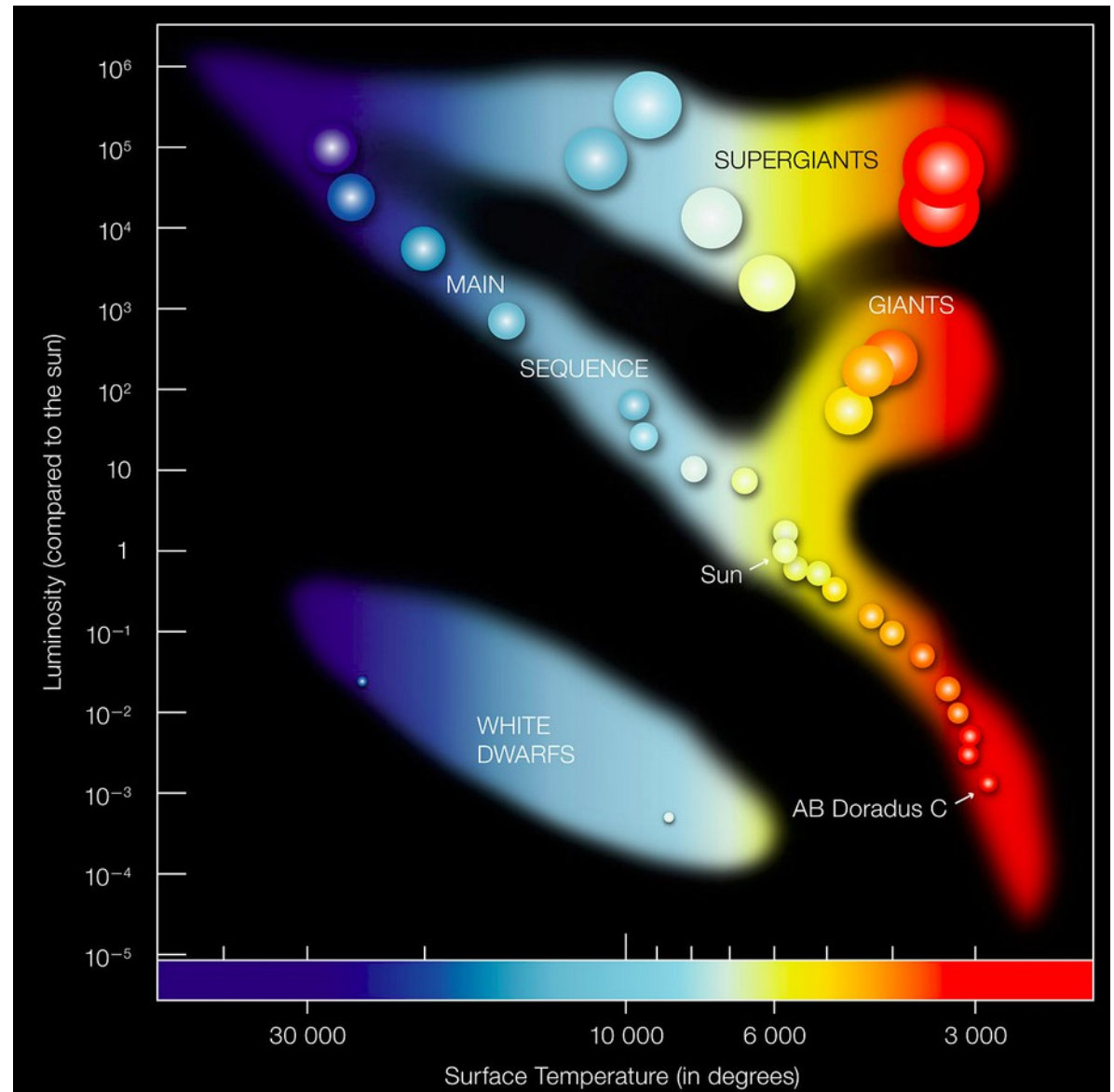


Jato zvezda M103

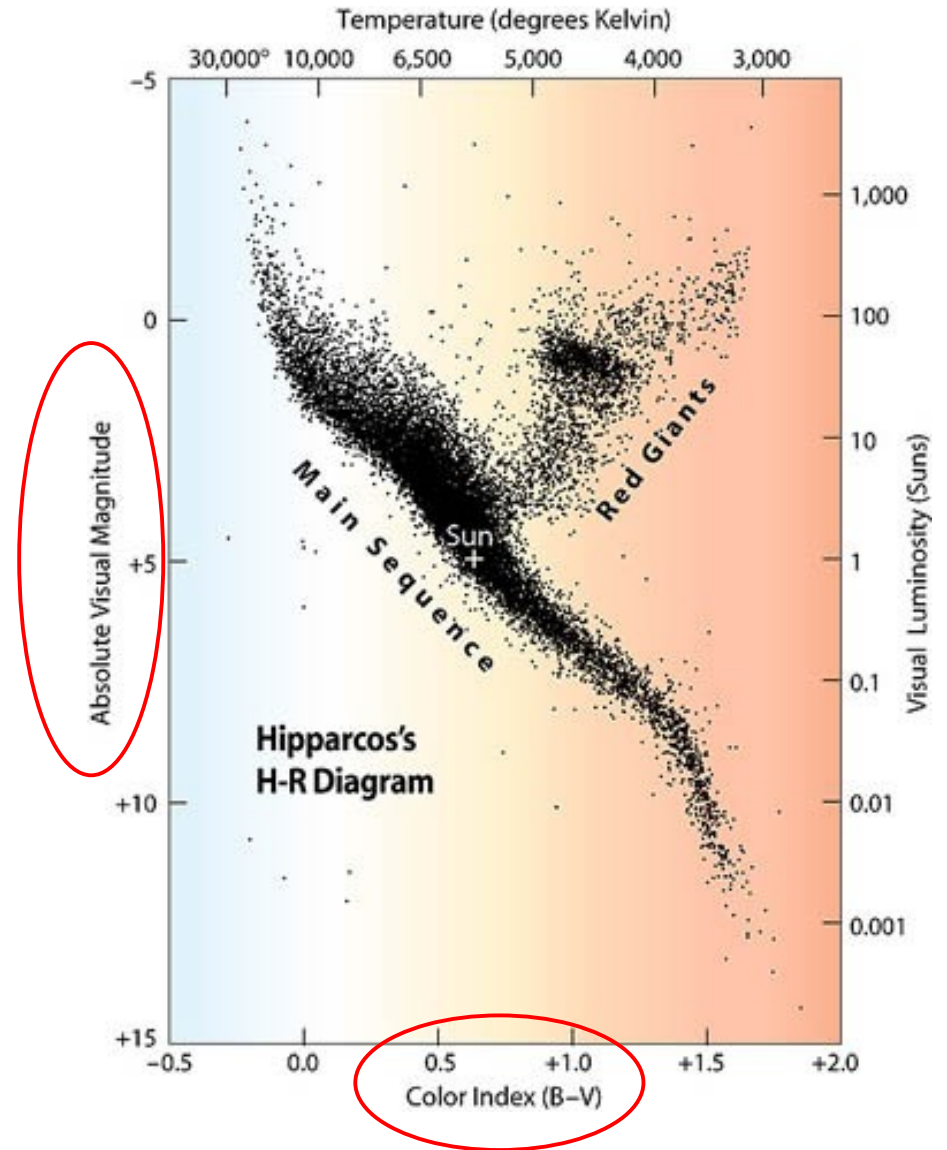
- kompozicija

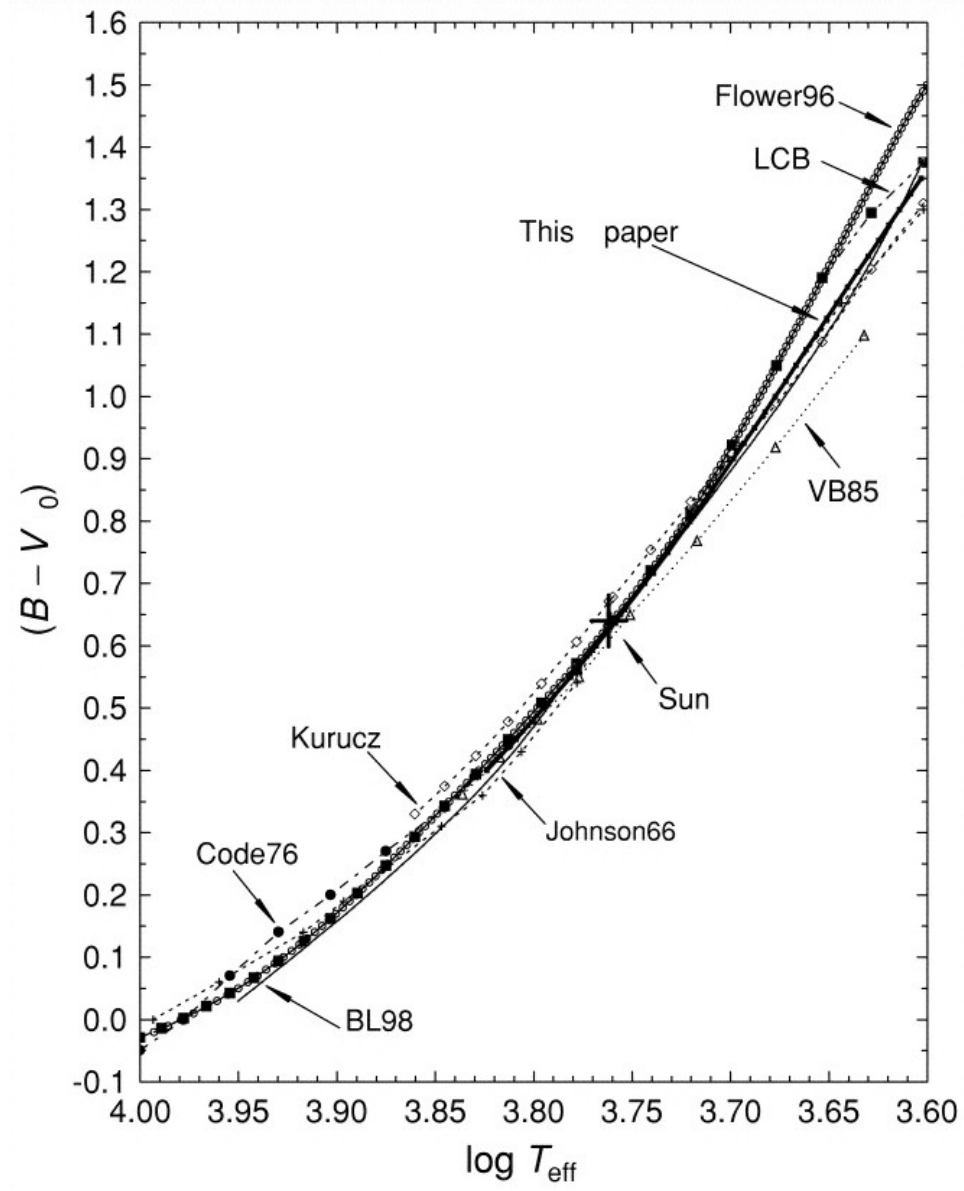


HR diagram



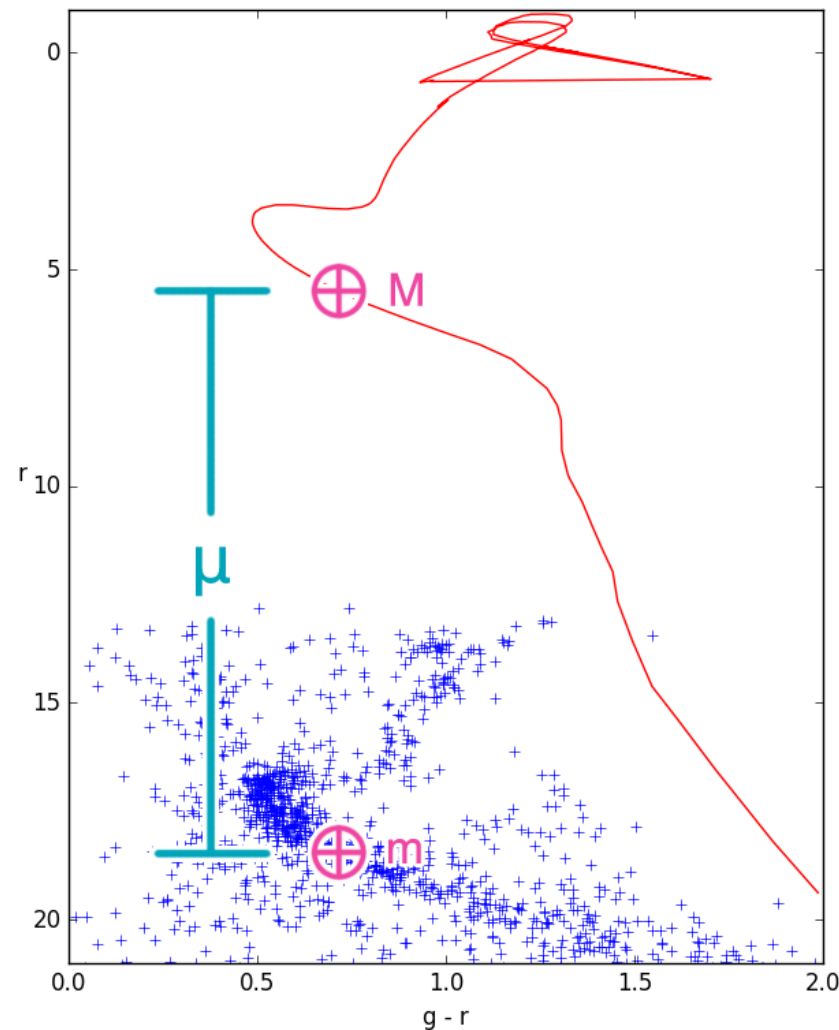
HR diagram





Moduo rastojanja

- Primena na zvezdana jata
- Indeks boje $g-r \rightarrow T$
- Prividna magnituda \rightarrow luminoznost + rastojanje
- crvena kriva – ista starost, drugacija masa



http://astronomy.nmsu.edu/geas/labs/hrde/hrd_explorer.html