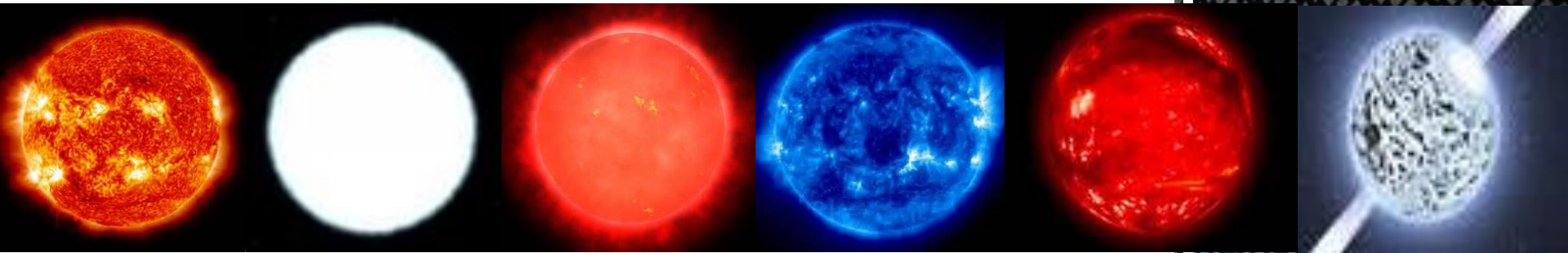


Hertzsprung- Russell Diagrams





Ejnar Hertzsprung:
Danish chemist and astronomer

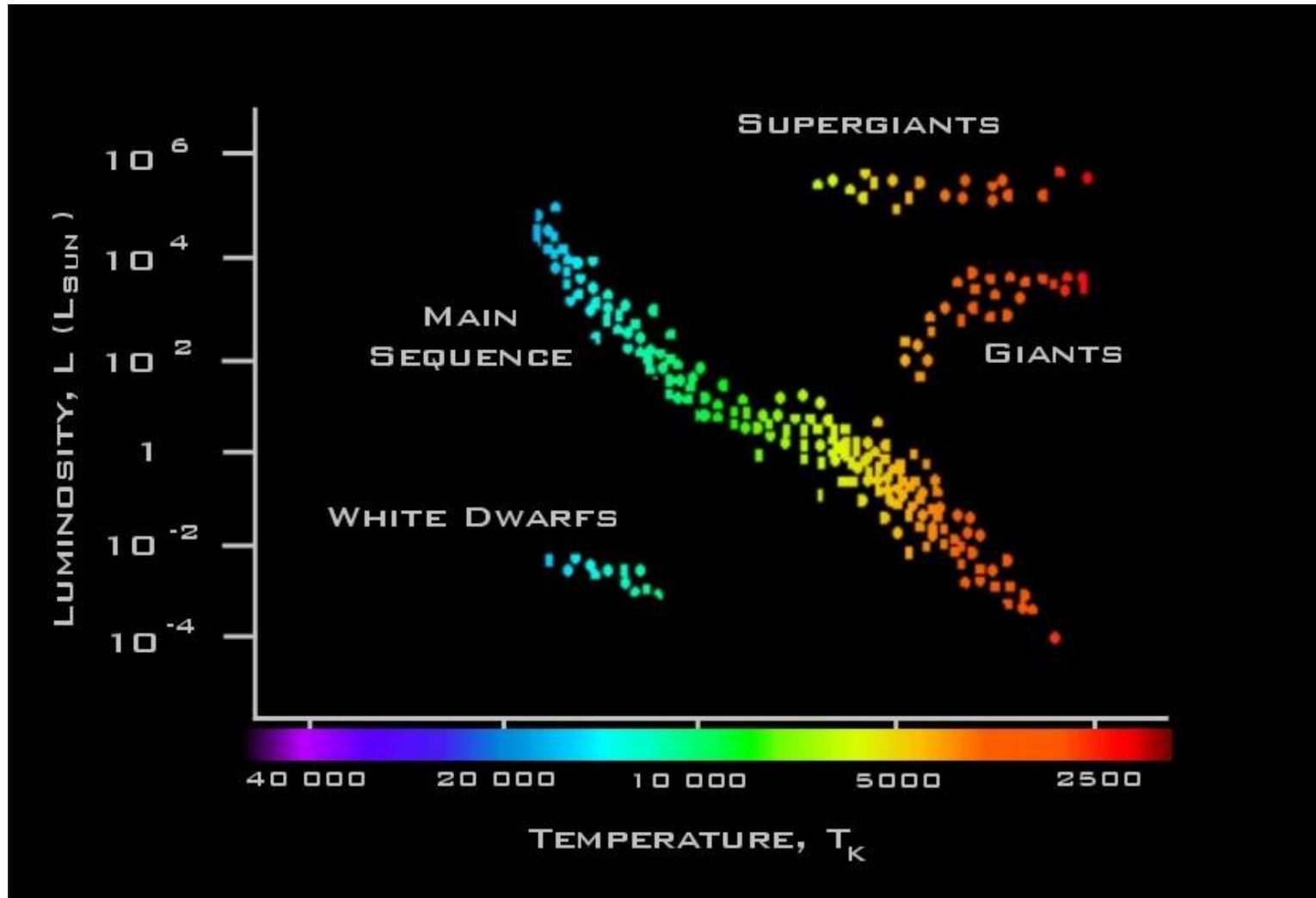
absolute magnitude of stars against their
colour.



Henry Norris Russell:
American astronomer

spectral class against absolute
magnitude.

Hertzsprung-Russell Diagrams



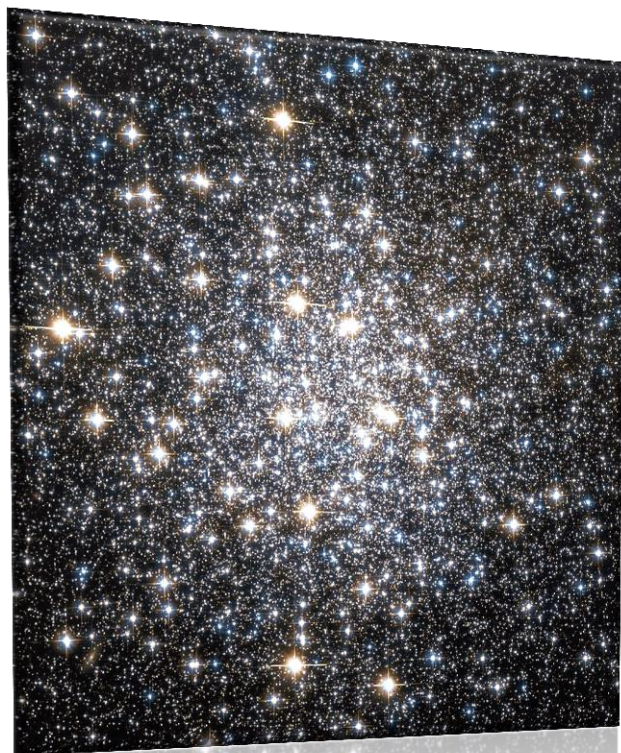


Globular Clusters

Contain stars of
same age and type!

150 in the Milky
Way!

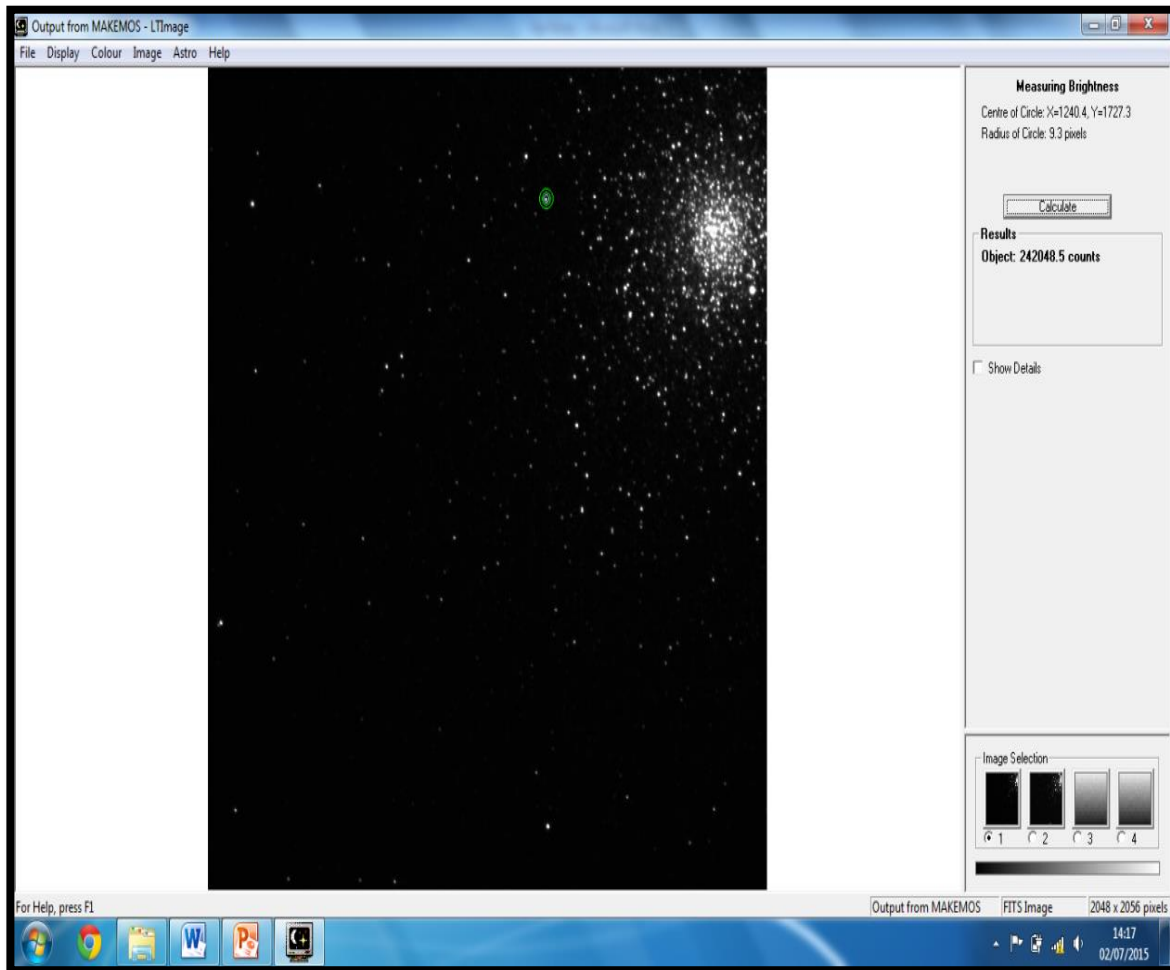
Orbit centres of
galaxies!



Our Research Project

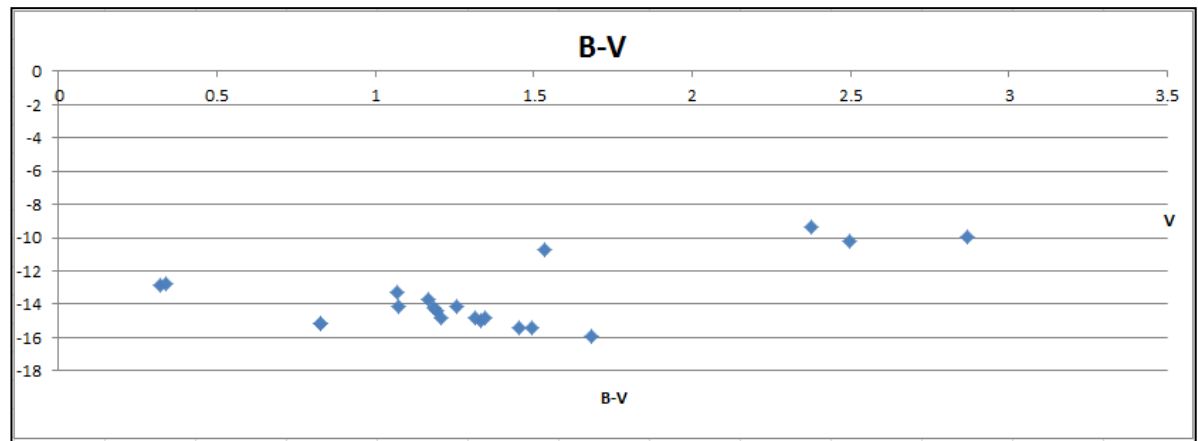


The Method

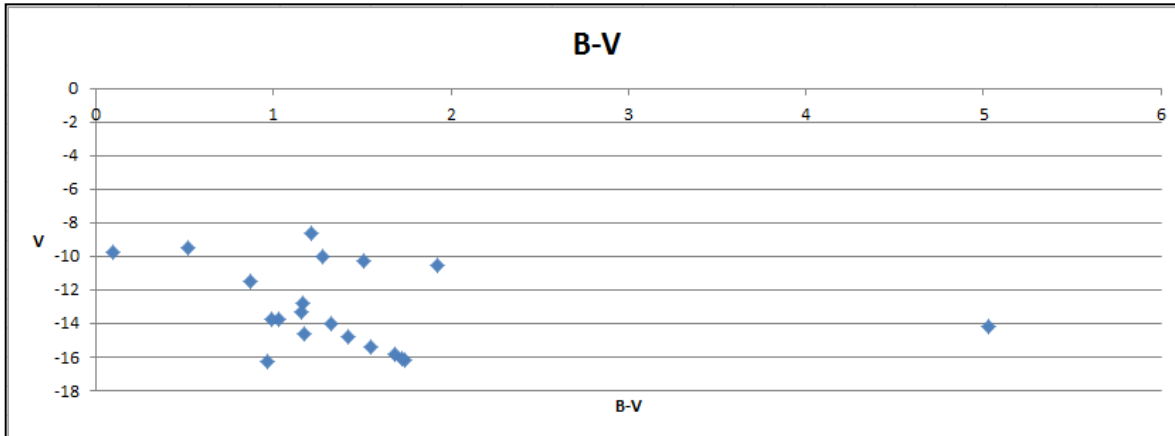


$$M = -2.5 \log F$$

M5



M10



Conclusions

M92

