

Color-Magnitude Diagrams

SQL Search

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QUERY DR16

🔒

```
select top 10 p.objid, p.ra, p.dec, p.g, p.r, s.z from photoObj p
join specObj s on s.bestobjid = p.objid where p.ra between -0.1
and 0.1 and p.dec between -0.1 and 0.1
```

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RESULTS

| objid | ra | dec | g |
|---------------------|---------------------|----------------------|-------|
| 1237657190905217072 | 0.00645855442724041 | -0.0925981681370137 | 17.8 |
| 1237657190905217071 | 0.0184875793908077 | -0.0833543302772769 | 15.36 |
| 1237663784197423503 | 0.0175453836282653 | 0.0228942174900431 | 22.2 |
| 1237657190905217203 | 0.0252029701193237 | -0.0480291277729431 | 21.23 |
| 1237657190905217208 | 0.03258568849634 | -0.0405799798589323 | 15.69 |
| 1237657190905217138 | 0.053486297728 | -0.0912211300200889 | 17.92 |
| 1237657190905217574 | 0.059986042227024 | -0.00659598049517003 | 22.17 |
| 1237657190905217882 | 0.0617645890447989 | -0.0789799148780472 | 24.78 |
| 1237663784197423113 | 0.0498392203439639 | 0.0403505216741821 | 17.72 |
| 1237663784197423294 | 0.045080075021227 | 0.0314634063181109 | 18.3 |

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Research question: Can we gather information about a star and use isochrone fitting to predict its age more accurately?