Paralaje Raro  
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270.76063022469,23.34560487283 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=270.76063022469&dec=23.34560487283>\*\*\* trully interesting. classified as quasar. cannot be because it has proper motion. To be followed up  
  
277.63601647787,22.24432304301 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=277.63601647787&dec=22.24432304301>\*\*\* to me looks as a spectrum having problems in the joint between the blue and red arms of the  
 spectrograph. However, it is so weird that deverves being reserved for furher inspection.  
  
 The Ca H&K lines are very clear.  
  
228.52508133404,7.0890240709 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=228.52508133404&dec=7.0890240709>\*\*\* star. weird spectrum with emission lines.  
  
359.98271454642,27.5554666353 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=359.98271454642&dec=27.5554666353>\*\*\* noisty stellar spectrum with poorly removed skylines plus a problem to merge the  
two arms of the spectrograph.   
  
169.09484173802,-10.58780357712 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=169.09484173802&dec=-10.58780357712>\*\*\* worth double checking. May be a problem in when joining the ble and red arms of the spectrograph  
  
171.53034155493,-6.89269192598 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=171.53034155493&dec=-6.89269192598>\*\*\* looks like a miss-classified QSO. Very weird spectrum. Worth following up.  
  
211.04485541406,36.34919935584 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=211.04485541406&dec=36.34919935584>\*\*\* it is clearly a star from the SDSS image, but with weird spectrum. It may be produced by artifacts  
 during reduction... worth following up?

112.91503588726,66.60510495356 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=112.91503588726&dec=66.60510495356>\*\*\* nosiy spectrum of a blue star ... which may have a couple of emission lines  
  
112.34468792138,36.63277243002 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=112.34468792138&dec=36.63277243002>\*\*\* from the SDSS image I would say it is a blend of two stars. One red and one blue. To be  
circulated.  
  
Proper Motion Raro  
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312.15646729455,-0.68520885871 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=312.15646729455&dec=-0.68520885871>\*\*\* looks to me as a stellar spectrum with a problem of calibration between the blue and red arms.  
it deserves a double check by experts  
  
9.21398720458,24.88762346401 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=9.21398720458&dec=24.88762346401>\*\*\* a noisy spectrum with problems of miscalibrations between the blue and red arms?  
  
20.54788659579,26.20077208265 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=20.54788659579&dec=26.20077208265>\*\*\* a noisy spectrum with problems of miscalibrations between the blue and red arms?

115.48915662295,19.21750146838 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=115.48915662295&dec=19.21750146838>\*\*\* a noisy spectrum with problems of miscalibrations between the blue and red arms?  
  
311.08911343993,75.25103792842 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=311.08911343993&dec=75.25103792842>\*\*\* noisy spectrum. hard to see absorption lines, but Ha and Hb seem to be there. There is also emission,  
which makes the spectrum interesting  
  
108.32549961181,64.84418182098 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=108.32549961181&dec=64.84418182098>\*\*\* a noisy spectrum with problems of miscalibrations between the blue and red arms?  
  
45.65908545342,37.40599576882 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=45.65908545342&dec=37.40599576882>\*\*\* Extremely interesting object. Star-like, but with a galaxy spectrum. Clear Ha (+the two [NII])  
and Hb, but no [OIII]. And it has proper motion measured!!!!!!!  
  
194.5580907974,58.75258019104 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=194.5580907974&dec=58.75258019104>\*\*\* weird stellar spectrum (stellar because the deep line at 4000 AA). Deserves a double check.  
  
325.82034691547,72.46974059395 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=325.82034691547&dec=72.46974059395>\*\*\* No clue. Presents clear absorption features. Similar to the next spectrum. May it be a problem  
when joining the two arms?

327.47055060498,73.49392557204 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=327.47055060498&dec=73.49392557204>\*\*\* No clue. Presents clear absorption features. Similar to the previous spectrum  
  
248.83869170714,62.02748532839 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=248.83869170714&dec=62.02748532839>\*\*\* looks to me like a hot star (WD) with a few artifacts that look like emission line. Worth follwing up.  
  
168.24156771683,-16.75658969145 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=168.24156771683&dec=-16.75658969145>\*\*\* very weird piece-wise spectrum. Rather than being at 6000 AA, the break happens at 5500 AA.  
there are plenty of uncorrected sky lines.  
  
  
100.94975943082,28.61818090337 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=100.94975943082&dec=28.61818090337>\*\*\* very extrange continuum with a break at 6000 AA. Deserves a follow up.  
  
209.3469792701,-8.33436646268 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=209.3469792701&dec=-8.33436646268>\*\*\* another very weird spectrum. to be followed up

280.71845470533,40.60531976164 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=280.71845470533&dec=40.60531976164>\*\*\* stelar spectrum with a break at around 6000 AA. Worth following up.  
  
290.25663653372,37.46040409891 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=290.25663653372&dec=37.46040409891>\*\*\* stellar spectrum (Ha, Hb, Ca H&K etc) with two huge humps at 7500 and 8200 AA. probably  
 artifacts but clearly worth following up.   
  
1.58509235691,27.06025127468 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=1.58509235691&dec=27.06025127468>\*\*\* stellar spectrum with a break. worth following up.  
  
17.59530891692,-9.23264719356 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=17.59530891692&dec=-9.23264719356>\*\*\* No idea. Star. Hugh absorption at around 6000 AA. Has to be followed up.  
  
157.24835764698,8.65413370405 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=157.24835764698&dec=8.65413370405>\*\*\* No idea. Posibly a blend of two stars with different spectra to render a combined flat  
spectrum with lines from the two stars. Deserves follow up.

205.09182091881,10.01032476817 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=205.09182091881&dec=10.01032476817>\*\*\* interesting. Have no clue of what is this thing. stellar spectrum with absorption bands an peak  
in the green.  
  
47.74809097171,-0.61658887469 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=47.74809097171&dec=-0.61658887469>\*\*\* noisy and weird spectrum. star-like. To be folowed up.  
  
Raro Restante  
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10.01079168329,25.36271203167 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=10.01079168329&dec=25.36271203167>\*\*\* weird star worth following up  
  
  
218.26359222025,56.85117264461 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=218.26359222025&dec=56.85117264461>\*\*\* extrange stellar spectrum, misidentified as galaxy at redshift 0.2. Deserves a follow up.  
  
90.8203685729,84.14230584907 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=90.8203685729&dec=84.14230584907>\*\*\* have no clue. Very broad emission lines, quasar like. with very red continuum.

100.9972245279,27.70946811048 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=100.9972245279&dec=27.70946811048>\*\*\* raro. have worth following up

119.71947905853,18.55433737037 : raro  
<http://skyserver.sdss.org/dr16/en/tools/explore/Summary.aspx?ra=119.71947905853&dec=18.55433737037>\*\*\* super interesting. Clear galaxy spectrum with proper motion. Has to be followed up.