

Assignment des UCD 1

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J/A+A/243/386/table1 %4d pmRA 10-4arcsec/yr Proper motion in right ascension
J/A+A/243/386/table1 %2d e_pmRA 10-4arcsec/yr rms uncertainty on pmRA
J/A+A/243/386/table1 %5d pmDE 10-4arcsec/yr Proper motion in declination
J/A+A/243/386/table1 %2d e_pmDE 10-4arcsec/yr rms uncertainty on pmDE
J/A+A/243/386/table1 %5.1f RV km/s? Radial velocity
J/A+A/243/386/table1 %-1sr_RV--- [GW] References for radial velocity (4)
J/A+A/243/386/table1 %5.2f Vmagmag V magnitude
J/A+A/243/386/table1 %5.2f B-V mag B-V colour index
J/A+A/243/386/table1 %-1sr_B-V --- [M+] B-V references (5)
J/A+A/243/386/table1 %5.2f Mv mag Absolute V magnitude
J/A+A/243/386/table1 %2d w_Mv--- ? Weight for those stars which were used in the determ
J/A+A/243/386/table2 %8d recno --- Record number within the original table (starting
J/A+A/243/386/table2 %1d Member --- [1/4] Membership flag (1)
J/A+A/243/386/table2 %6d No --- Star number in the catalogue as in table1
J/A+A/243/386/table2 %4.1f r pc Distance
J/A+A/243/386/table2 %5.2f m-M mag Distance modulus
J/A+A/243/386/table2 %5.1f X-Xcpc Residual X coordinate (2)
J/A+A/243/386/table2 %-1sn_X-Xc --- [*] *: discordant value
J/A+A/243/386/table2 %5.1f Y-Ycpc Residual Y coordinate (2)
J/A+A/243/386/table2 %-1sn_Y-Yc --- [*] *: discordant value
J/A+A/243/386/table2 %5.1f Z-Zcpc Residual Z coordinate (2)
J/A+A/243/386/table2 %-1sn_Z-Zc --- [*] *: discordant value
J/A+A/243/386/table2 %5.2f U-Uckm/sResidual U velocity (2)
J/A+A/243/386/table2 %5.2f V-Vckm/sResidual V velocity (2)
J/A+A/243/386/table2 %5.2f W-Wckm/sResidual W velocity (2)
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Assignment des UCD 1

PHYS_TEMP_EFFEC

+effective+ "temperature"

Effective Temperature

UN: K kK

CN: Log(Teff) LogTe T1 T2 Teff Teff(A) Teff(B-V) Teff(Beta) Teff(CM) Teff(L)

CN: Teff(M) Teff(MD) Teff(OV) Teff(Q) Teff(SD) Teff(Sh) Teff(V-I) Teff(X)

CN: Teff(b-y) Teff(noOV) Teff0 Teff1 Teff2 Teff3 Teff4 TeffB TeffHal TeffHau

CN: TeffHbl TeffHbu TeffLGKl TeffLGKu TeffMD TeffPJ TeffPR Th lofTeff log(T)

CN: log(Te) log(Teff) log(Tu) log.Teff logT logTe logTeff logTu

Dictionnaire

PHYS_TEMP_ELECT

+electron+ "temperature"

Electron Temperature

UN: K

CN: T T(N2) T(NII) T(O3) T(OIII) Te Te[NII] Te[OIII] Tp Tp1 Tp2 Tp3 logTe

PHYS_TEMP_EXCIT

+excitation+ "temperature"

Excitation Temperature

UN: K

CN: Tex

Assignment des UCD 1

Prise en compte de:

- Noms de colonnes
- Unites
- Explications

Assignment des UCD 1

Test sur 96974 colonnes (couvrent ~1080 UCD):

- 76978 avec 1 UCD - 79.4%
- 84275 avec 3 UCD - 87%

Differences avec Huaizhong:

- Plus grand nombre d'UCD
 - Plus de choix!
 - UCDs tres frequents ou tres rares
- Non prise en compte de groupements de mots

Assignment des UCD 1

- Assignment rapide (2min pour 100,000 colonnes), mais ca n'est pas capital.

Echec principalement sur:

- concepts proches
 - PHOT_JHN_V, PHOT_MAG_V
 - ID_MAIN, ID_NUMBER
- explications pauvres (sensibilite aux mot-cles)

Passage aux UCD 1+

- plus de souplesse
- phot.mag;em.opt.V.*
- probleme de la composition de differents mots:
 - phot.mag;em.opt.V;stat.max
- regles de composition (mot primaire, secondaire...)