|  |  |  |
| --- | --- | --- |
| constant | CGS | CI |
| e | 4.80324\*10-10CGSE | 1.60219\*10-19Ql |
| eV | 1.60219\*10-12erg | 1.60219\*10-19J |
| me | 9.1095\*10-28g | 9.1095\*10-31kg |
| *h* | 6.6262\*10-27 erg\*s | 6.6262\*10-34 J\*s |
| *h* | 4.1357\*10-15eV\*s |  |
|  | 1.05459\*10-27 erg\*s | 1.05459\*10-34 J\*s |
|  | 6.5822\*10-16 eV\*s |  |
| a0=2/m\*e2 1a.u. | 0.529177\*10-8cm |  |
| Ry= 2/m\* a02 | 13.6058eV |  |
| c | 2.997925\*1010cm/c |  |
| α=e2/\*c | 7.2973\*10-3 |  |
| α-1 | 137.036 |  |
| kB | 1.3807\*10-16 erg\*K-1 |  |
| kB | 8.617\*10-5 eV\*K-1 |  |
| kB\*T (T=273.15K) | 2.3538\*10-2 eV |  |
| / kB | 7.6383\*10-12K\*c |  |
| μB=e/2mc | 5.7884\*10-9 eV\*G-1 | 5.7884\*10-5 eV\*T-1 |
| μB / kB | 6.7171\*10-5K\*G-1 | 6.7171\*10-1K\*T-1 |
|  |  |  |
| 1eV=2.41796\*1014Hz=8.0655\*103cm-1=1.1604K | | |