

Formulas for the Janet-Tarantola Periodic Table

Let be

$$D(n) = \frac{n(n+1)(n+2)}{6} + \left(\frac{1 - (-1)^n}{2} \right) \frac{n+1}{2} . \quad (1)$$

The row R at which the element with atomic number Z is to be placed is the unique value of R satisfying

$$D(R-1) < Z \leq D(R) . \quad (2)$$

Once the row number R is determined, the column number is (from right to left)

$$C = D(R) - Z + 1 . \quad (3)$$
