

# PERIODNI SISTEM ELEMENTOV

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| PERIODA | 1 IA      | 2 IIA     | SKUPINA IUPAC PRIPOROČILO (1985) |             |           |           |           |           |           |            |           |            | 13 IIIA    | 14 IVA    | 15 VA      | 16 VIA     | 17 VIIA    | 18 VIIIA   |
|---------|-----------|-----------|----------------------------------|-------------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|------------|-----------|------------|------------|------------|------------|
|         | 1 1.0079  | 2 4.0026  | ATOMSKO ŠTEVILO                  |             |           |           |           |           |           |            |           |            | 5 10.811   | 6 12.011  | 7 14.007   | 8 15.999   | 9 18.998   | 10 20.180  |
|         | <b>H</b>  | <b>He</b> | SIMBOL                           |             |           |           |           |           |           |            |           |            | <b>B</b>   | <b>C</b>  | <b>N</b>   | <b>O</b>   | <b>F</b>   | <b>Ne</b>  |
|         | VODIK     | HELIJ     | IMENA ELEMENTOV                  |             |           |           |           |           |           |            |           |            | BOR        | OGLJIK    | DUŠIK      | KISIK      | FLUOR      | NEON       |
| 1       | 19 39.098 | 20 40.078 | 21 44.956                        | 22 47.867   | 23 50.942 | 24 51.996 | 25 54.938 | 26 55.845 | 27 58.933 | 28 58.693  | 29 63.546 | 30 65.38   | 31 69.723  | 32 72.64  | 33 74.922  | 34 78.96   | 35 79.904  | 36 83.798  |
| 2       | <b>K</b>  | <b>Ca</b> | <b>Sc</b>                        | <b>Ti</b>   | <b>V</b>  | <b>Cr</b> | <b>Mn</b> | <b>Fe</b> | <b>Co</b> | <b>Ni</b>  | <b>Cu</b> | <b>Zn</b>  | <b>Ga</b>  | <b>Ge</b> | <b>As</b>  | <b>Se</b>  | <b>Br</b>  | <b>Kr</b>  |
| 3       | <b>Na</b> | <b>Mg</b> | SKUPINA IUPAC PRIPOROČILO (1985) |             |           |           |           |           |           |            |           |            | <b>Al</b>  | <b>Si</b> | <b>P</b>   | <b>S</b>   | <b>Cl</b>  | <b>Ar</b>  |
| 4       | <b>Rb</b> | <b>Sr</b> | <b>Y</b>                         | <b>Zr</b>   | <b>Nb</b> | <b>Mo</b> | <b>Tc</b> | <b>Ru</b> | <b>Rh</b> | <b>Pd</b>  | <b>Ag</b> | <b>Cd</b>  | <b>In</b>  | <b>Sn</b> | <b>Sb</b>  | <b>Te</b>  | <b>I</b>   | <b>Xe</b>  |
| 5       | <b>K</b>  | <b>Ca</b> | <b>Sc</b>                        | <b>Ti</b>   | <b>V</b>  | <b>Cr</b> | <b>Mn</b> | <b>Fe</b> | <b>Co</b> | <b>Ni</b>  | <b>Cu</b> | <b>Zn</b>  | <b>Ga</b>  | <b>Ge</b> | <b>As</b>  | <b>Se</b>  | <b>Br</b>  | <b>Kr</b>  |
| 6       | <b>Rb</b> | <b>Sr</b> | <b>Y</b>                         | <b>Zr</b>   | <b>Nb</b> | <b>Mo</b> | <b>Tc</b> | <b>Ru</b> | <b>Rh</b> | <b>Pd</b>  | <b>Ag</b> | <b>Cd</b>  | <b>In</b>  | <b>Sn</b> | <b>Sb</b>  | <b>Te</b>  | <b>I</b>   | <b>Xe</b>  |
| 7       | <b>Cs</b> | <b>Ba</b> | <b>La-Lu</b>                     | <b>Hf</b>   | <b>Ta</b> | <b>W</b>  | <b>Re</b> | <b>Os</b> | <b>Ir</b> | <b>Pt</b>  | <b>Au</b> | <b>Hg</b>  | <b>Tl</b>  | <b>Pb</b> | <b>Bi</b>  | <b>Po</b>  | <b>At</b>  | <b>Rn</b>  |
| 8       | <b>Fr</b> | <b>Ra</b> | <b>Ac-Lr</b>                     | <b>Rf</b>   | <b>Db</b> | <b>Sg</b> | <b>Bh</b> | <b>Hs</b> | <b>Mt</b> | <b>Ds</b>  | <b>Rg</b> | <b>Cn</b>  | <b>Uut</b> | <b>Fl</b> | <b>Uup</b> | <b>Lv</b>  | <b>Uus</b> | <b>Uuo</b> |
|         | 87 (223)  | 88 (226)  | 89-103                           | 104 (267)   | 105 (268) | 106 (271) | 107 (272) | 108 (277) | 109 (276) | 110 (281)  | 111 (280) | 112 (285)  | 113 (...)  | 114 (287) | 115 (...)  | 116 (291)  | 117 (...)  | 118 (...)  |
|         | FRANCIJ   | RADIJ     | AKTINOIDI                        | RADERFORDIJ | DUBNIJ    | SIBORGIJ  | BORIJ     | HASIJ     | MAJTNERIJ | DARMŠTATIJ | RENTGENIJ | KOPERNICIJ | UNUNTRIJ   | FLEROVIJ  | UNUNPENTIJ | LIVERMORIJ | UNUNSEPTIJ | UNUNOKTIJ  |

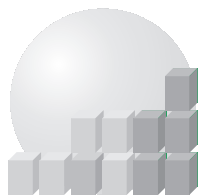
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## LANTANOIDI

|           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 57 138.91 | 58 140.12 | 59 140.91 | 60 144.24 | 61 (145)  | 62 150.36 | 63 151.96 | 64 157.25 | 65 158.93 | 66 162.50 | 67 164.93 | 68 167.26 | 69 168.93 | 70 173.05 | 71 174.97 |
| <b>La</b> | <b>Ce</b> | <b>Pr</b> | <b>Nd</b> | <b>Pm</b> | <b>Sm</b> | <b>Eu</b> | <b>Gd</b> | <b>Tb</b> | <b>Dy</b> | <b>Ho</b> | <b>Er</b> | <b>Tm</b> | <b>Yb</b> | <b>Lu</b> |
| LANTAN    | CERIJ     | PRASEODIM | NEODIM    | PROMETIJ  | SAMARIJ   | EVROPIJ   | GADOLINIJ | TERBIJ    | DISPROZIJ | HOLMIJ    | ERBIJ     | TULIJ     | ITERBIJ   | LUTECIJ   |

## AKTINOIDI

|           |           |             |           |           |           |           |           |           |            |             |           |            |           |           |
|-----------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-------------|-----------|------------|-----------|-----------|
| 89 (227)  | 90 232.04 | 91 231.04   | 92 238.03 | 93 (237)  | 94 (244)  | 95 (243)  | 96 (247)  | 97 (247)  | 98 (251)   | 99 (252)    | 100 (257) | 101 (258)  | 102 (259) | 103 (262) |
| <b>Ac</b> | <b>Th</b> | <b>Pa</b>   | <b>U</b>  | <b>Np</b> | <b>Pu</b> | <b>Am</b> | <b>Cm</b> | <b>Bk</b> | <b>Cf</b>  | <b>Es</b>   | <b>Fm</b> | <b>Md</b>  | <b>No</b> | <b>Lr</b> |
| AKTINIJ   | TORIJ     | PROTAKTINIJ | URAN      | NEPTUNIJ  | PLUTONIJ  | AMERICIJ  | KIRIJ     | BERKELIJ  | KALIFORNIJ | AJNŠTAJNJIJ | FERMIJ    | MENDELEVIJ | NOBELIJ   | LAVRENCIJ |



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(1) Atomic Weights of the Elements 2007, Pure Appl. Chem., 81, No. 11, 2131-2156 (2009)