

Abstract Submitted  
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**Three Dimensional Periodic Table of the Elements ‘Elementouch’**

YOSHITERU MAENO — A three-dimensional periodic table of the elements ‘Elementouch’, useful in a wide variety of occasions of science education, is introduced. The element names are continuously arranged on three circular surfaces representing the electron orbits of an atom. In this way, the properties of each element in its typical ionic state can be seen more clearly than in the widely-used long period table, introduced in 1905 by Alfred Werner. The Elementouch can be readily made using the patterns downloaded from the following URL: <http://www.ss.scphys.kyoto-u.ac.jp/elementouch/index-e.html> .

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