

THE ATOM

**THE ATOM**

*how it really works*

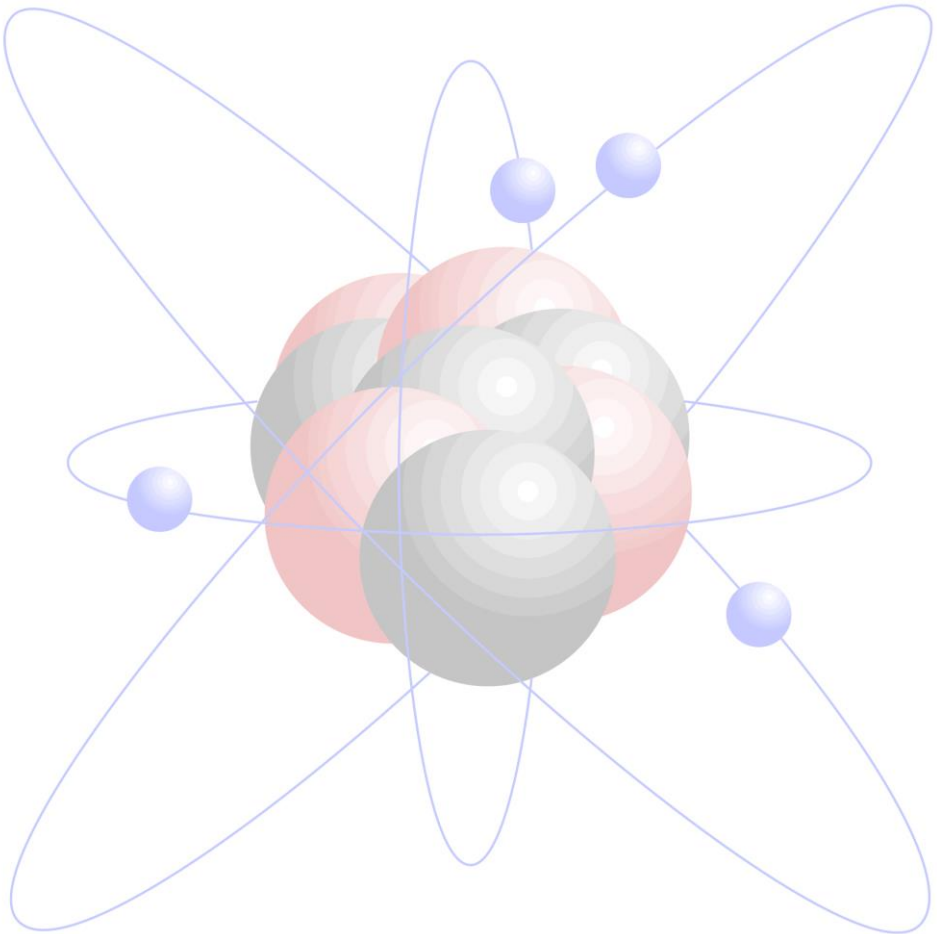


By

**Keith Dixon-Roche**

(based upon work by Isaac Newton  
and Charles-Augustin de Coulomb)

# THE ATOM

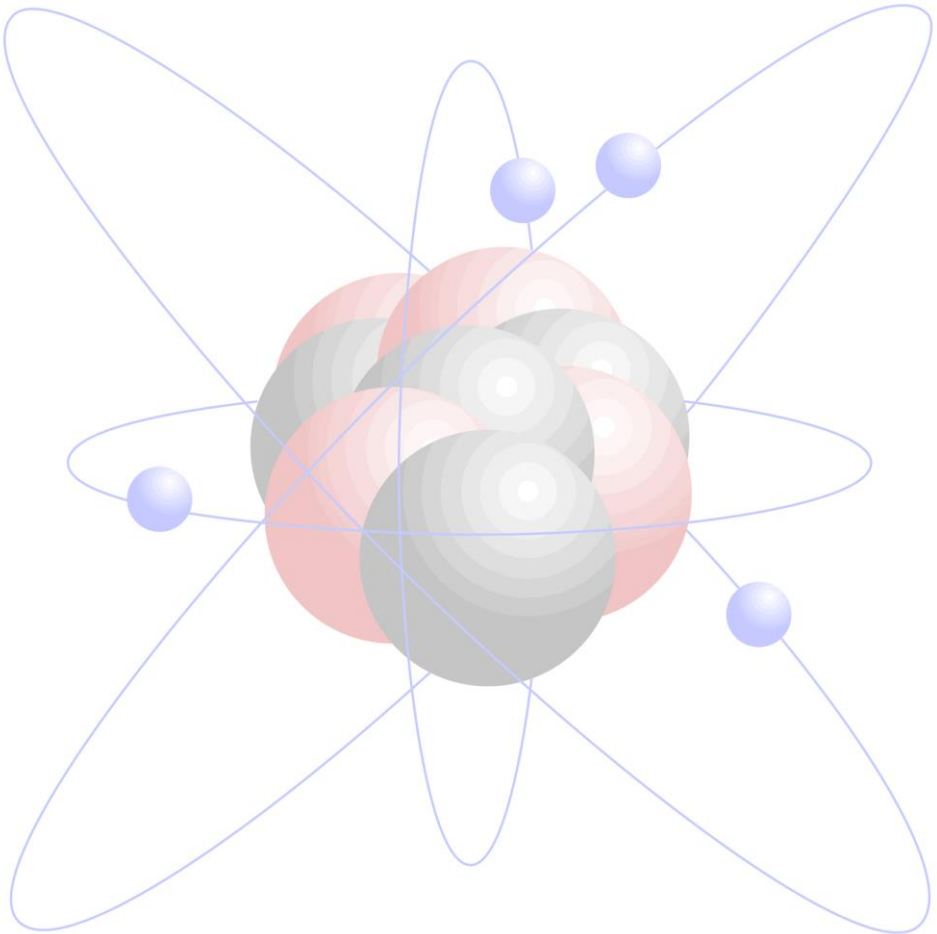


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Published by CalQlata

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First published August 2019

Second edition August 2021

Third edition November 2022

Fourth edition October 2023

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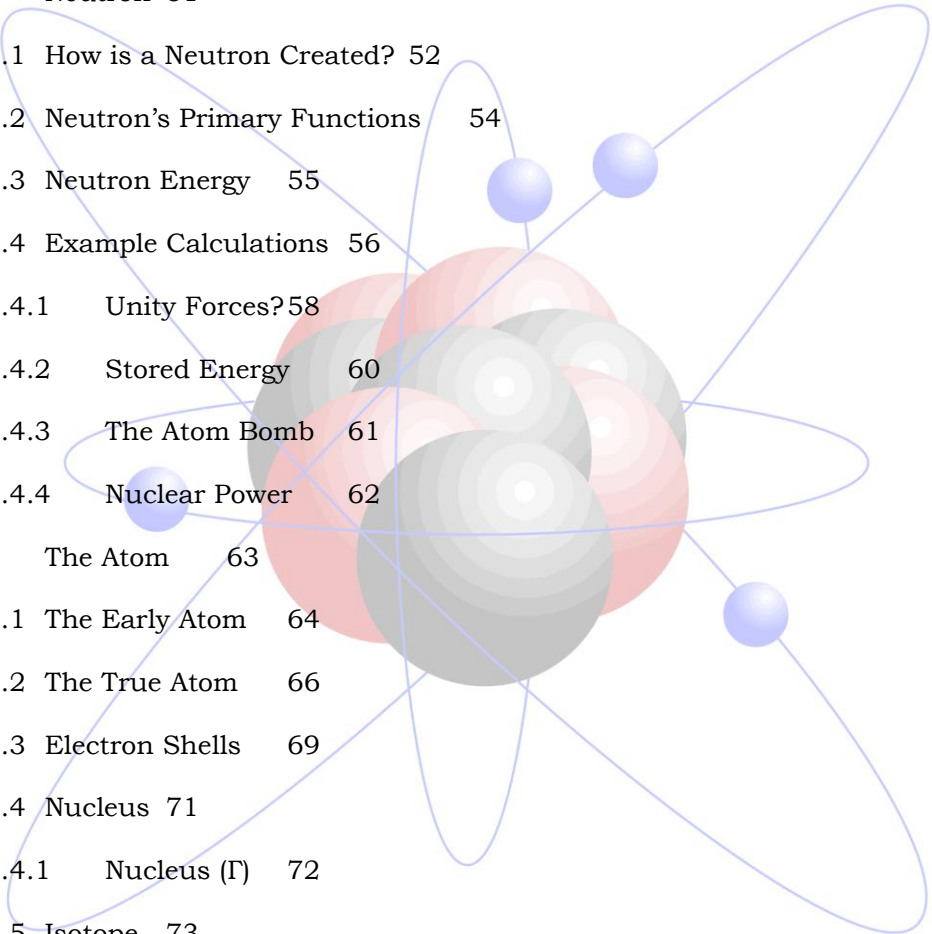
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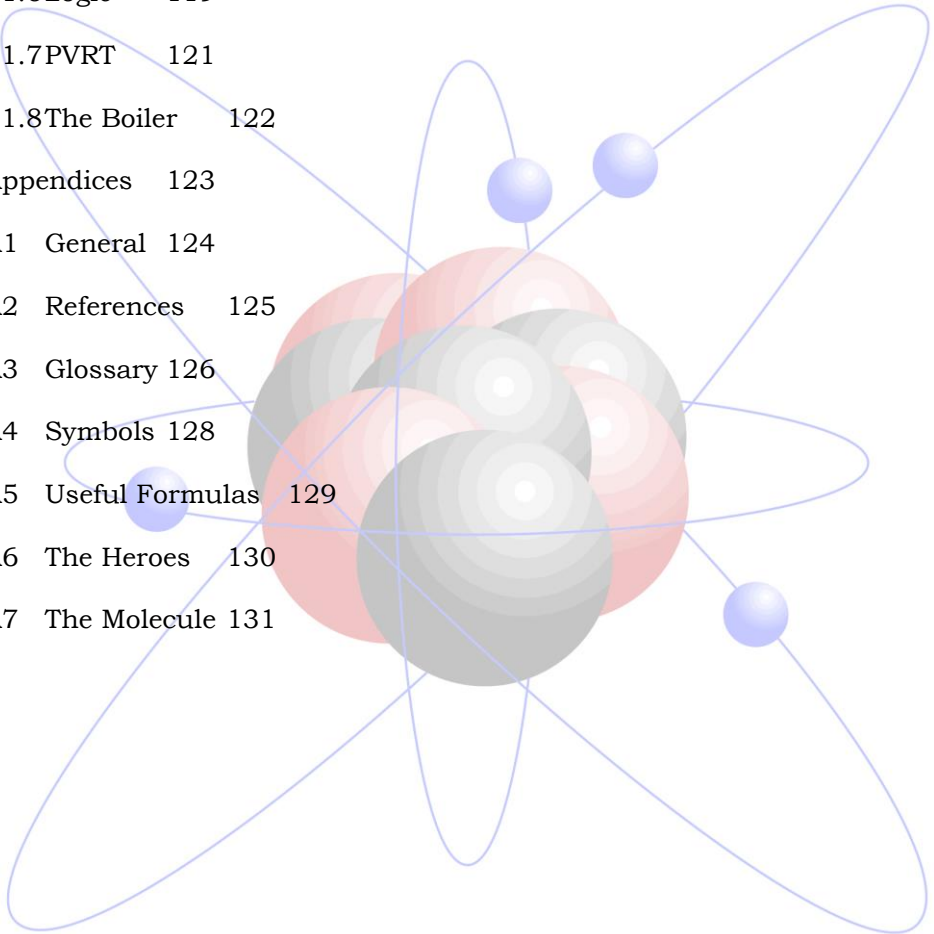
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## Preface

Like everyone else, during my formative years of education, I was taught - and therefore believed in - all the theories proposed by my tutors because I thought academics were honest and truthful; that they understood their subjects. Having an interest in physics, I have since read numerous books on the subject, by highly regarded authors, and been universally disappointed; they are all appallingly weak. The authors simply regurgitate each other's work in their own words. None of them say anything new; '*Publish or be damned*' appears to be the reason for their existence. All scientists today need to qualify their statements with; "*we assume*", "*we think*", "*we suggest*" or "*the normal laws of physics do not apply*", etc. Also, I long ago became acutely aware of the total lack of scientific progress. Who, for example, could possibly believe in the deformation of space time and gravity, dark matter and black-holes?

We are today, taught that science is based upon experimentation and statistics; it isn't, science is knowledge. Isaac Newton understood this given the title of his thesis; "*The Mathematical Laws of Natural Science*"; i.e. the ability to predict and prove natural events and characteristics through mathematics.

Why therefore, is the entire academic community still - after more than a hundred years - trying to prove a theory (based on statistics) that simply doesn't work. The reason is of course, *face saving*. Academics cannot admit that they were; a) successfully intimidated by Bohr's challenge; "*if you aren't shocked by quantum theory, then you haven't understood it*"; and b) incapable of disproving it. Academics are still trying to make his atomic model - which has never been able to predict any property in any atom in any condition - work by eternally modifying it.

Is this, I asked myself, the reason for the lack of scientific progress; our educators don't actually understand their subject?

I eventually decided to have a go myself. As an engineer, I am not manacled by academic dogma; and in my profession, analysis must be correct; it must be verifiable, otherwise, people die. So, I studied, verified and completed (filled in the gaps he left) Newton's laws of orbital motion with new eyes. I was amazed to discover that when united with the work done by Coulomb, Planck, Rydberg, Maxwell, Poincaré, etc. it could also describe the atom. Even his gravitational constant 'G' is based upon the

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atom. We could have mathematically predicted every property of every atom at any temperature and any pressure more than a century ago.

Academic bigotry was in evidence when Alfred Wegener first proposed continental drift. He was eventually proven correct and the academics proven wrong, but not one could admit their mistake. It took a generation change in their community to accept the inevitable. Moreover, academics don't like being proved wrong by an 'amateur', it makes them look incompetent.

Why, do its members attribute ownership of the formula  $E=mc^2$  to a person that didn't even understand its purpose or meaning (Einstein)? It was actually discovered by Henri Poincaré, and its origins lie in Newton's laws of orbital motion. Why do they attribute ownership of the physical constant 'a<sub>0</sub>' to Bohr when it belongs to Johannes Rydberg. In my opinion, this plagiarism is used to boost the reputation of preferred academics and discard those they dislike.

Quantum theory is the reason why; no nuclear physicist today knows where *nuclear power* comes from; chemists still rely on hieroglyphics and experimentation; and atomic physicists need '*sub-atomic particles*' to hold their atom together. It is the reason so much public money has been wasted - and is still being wasted - on the Hadron Collider and fusion energy generators.

It is the reason scientific progress was stalled in the early 20<sup>th</sup> century and remains stalled today. And this will never change while academics continue to be brainwashed by a community that insists on its belief in magic, simply to save face.

To the best of my knowledge, in this publication, I have tried to attribute all terms and discoveries to their original proposers. If I have misrepresented anybody, I apologise in advance. Please let me know and it will be corrected in a subsequent edition.

I regard this publication to be the precursor to what will be the most important discovery for life on this planet; *the molecular calculator*.

Keith Dixon-Roche 2023

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The following is a statement by me (Keith Dixon-Roche) with regard to the authorship of this work:

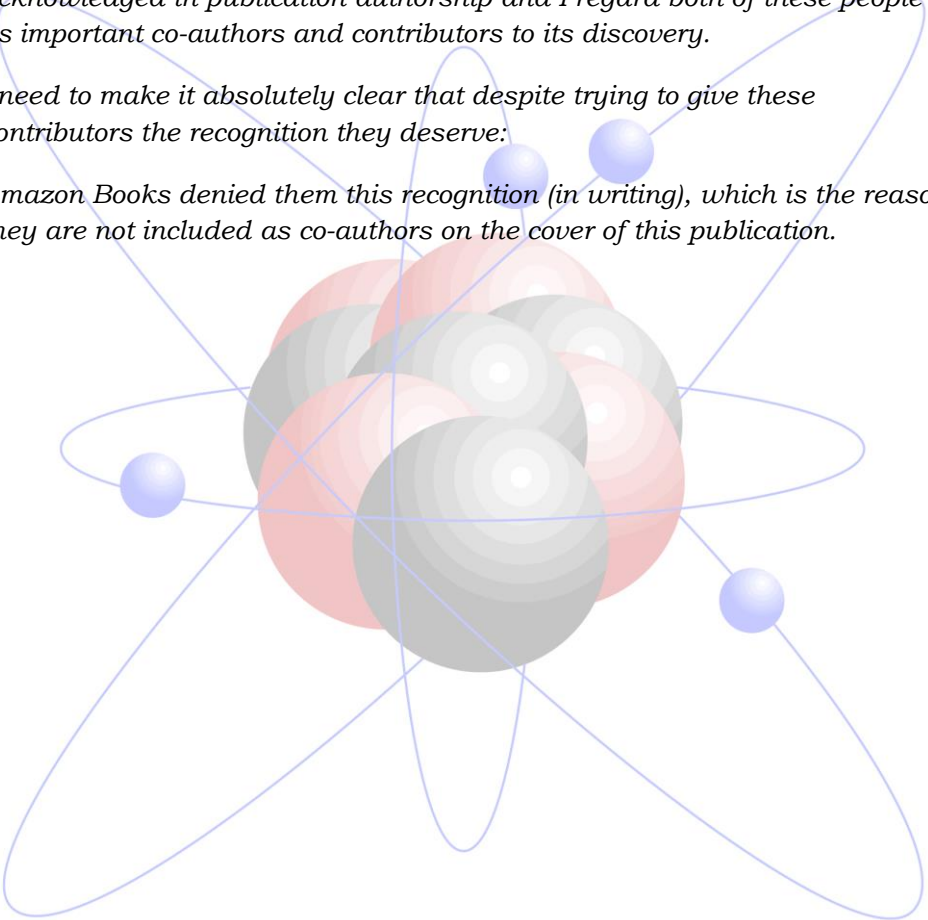
*I do not claim to have discovered the real atom all by myself; it was possible only because of the work carried out previously by*

*Isaac Newton and Charles-Augustin de Coulomb.*

*I believe it only right and just that all contributors should be rightfully acknowledged in publication authorship and I regard both of these people as important co-authors and contributors to its discovery.*

*I need to make it absolutely clear that despite trying to give these contributors the recognition they deserve:*

*Amazon Books denied them this recognition (in writing), which is the reason they are not included as co-authors on the cover of this publication.*



# 1 Introduction

The atomic model presented here is based upon the work carried out by scientists well before the start of the twentieth century (Appendix A6). I.e. this model of the atom could - and should - have been established long before we were all deceived by quantum theory.

The model described here not only works in theory, it can also be seen to work in practice. It realistically describes the universe and all the matter within. In fact, using this model, it has been possible to explain and predict all the properties of every Quanta and every atom at any temperature and any pressure without the need for qualification.

Newton's laws of orbital motion show us that the atom is not the unpredictable, fuzzy, indeterminate structure described by quantum theory; it is in fact similar to all the other universal orbital systems as described by Isaac Newton. The only difference being that; atomic satellites (electrons) orbit in circular paths (because they provide their own kinetic energy) and also obey the force laws defined by Charles-Augustin de Coulomb, William Gilbert and Henri Poincaré.

The atom is a stunningly brilliant but simple structure that has no need for sub-atomic particles, uncertainty, unpredictability or statistical behaviour. In all my work on Newton's orbits, the atom is by far the most amazing; it is the only feature of nature that, perhaps, could entice me to believe that somewhere out there, exists a genuine genius.

The entire universe comprises a huge number ( $>2.8E+75$ ) of only two particles (protons and electrons). Every proton is exactly the same as every other proton and every electron is exactly the same as every other electron. Protons and electrons exist as proton-electron pairs; a stationary proton orbited by a moving electron. Apart from a few lone protons ( $H^+$ ) and free-flying electrons, there is nothing else out there.

Neutrons are simply proton-electron pairs that have united as a result of the orbiting electron having achieved an orbital *speed of light*. They can only be created, and can only exist, inside an atom. And they decay into their component parts, a proton and an electron as alpha & beta-particles (respectively) when ejected.

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Whilst neutrons are not particles in their own right, they are exceptionally important; they are the universe's energy storehouse. They provide all the energy in the universe between and in *Big-Bangs*.

Refer to my publication "The Life & Times of the Neutron – *universal energy*" to understand how they can also solve all mankind's energy problems at a stroke.

The atom is such a simple system, it is difficult to see how it can create such a diverse universe, but it does and that is its genius. These two particles are responsible for creating everything in the universe from galactic force-centres to stars, planets, the *Big-Bang* and life itself. And they recreate each new universal period with no outside help.

The atom is the universe's micro-orbital system, involving self-propelled satellites (electrons) held in circular orbits by electrical charge.

Celestial bodies are held in macro-orbital systems, involving satellites (stars, planets and moons) held in elliptical orbits by magnetic charge (gravity). Refer to my publication "The Universe – *how it really works*"

**Important Note:** *Mass and gravity are unknown concepts; they are today used to describe things that we don't understand. It has become obvious, during my work on the atom, however, that mass is actually non-polar magnetic charge and gravity is the potential magnetic attraction induced by the magnetic charge in all the particles in the universe.*

*So, references to mass and gravity in this book actually refer to magnetic charge (m) and magnetism respectively.*