

Preface:

Writing this book has been a very real journey of discovery and I have retained some of the early elements of the journey to show you all how I have reached my eventual conclusions from a lifetime of thought; initially brought together in the first edition of *The Universe is a Cloud* published 2003 and ending with this final revision March 2009.

The underlying principles are very simple. I am going to show you that a few, very small errors, not mathematical but of logical description, led everyone down the wrong path to an incorrect understanding of gravity. One is about the nature of gravity within a solid object. The second about what cosmology calls an event horizon. The third, made over a century ago, that the atom was a particle of mass where the force of the proton is balanced out by the negative electron. This latter error leading to an assumption that all gas atoms were free to move linearly without contact with any adjacent atom. And from that assumption stemmed the foundation stones of modern science; Ideal Gas Law and all the associated theories for the creation of the elements.

Instead, you will discover that gravity within mass creates balanced forces that in turn permit the retention of energy within mass. Secondly, that the event horizon is simply a fixed mathematical point relative to mass and once reached, does not move with any increase of mass. This has profound implications for the structure of all mass objects, particularly a black hole. Finally, I will show you how the force field of a proton extends beyond the orbit of the electron to form attachments with the surrounding protons' electrons. Also, that each proton is at one and the same time a spring which can be compressed. That all protons, as springs, when compressed and locked against another proton, increase in mass proportional to the energy trapped between them. I will also show you that the external electromagnetic force field attachments create an external energy field surrounding the atom which is both the source of what we describe as gravity and, as each atom rotates within that energy field, the dynamic changes to these force field attachments become the source of photons of dynamic energy; heat and light.

The consequence of all this is that, within the atmosphere, gas atoms and molecules attach to each other and to all surrounding mass via these force field attachments. They form what I describe as Gas Molecule Attachment Force Columns; the true source of what we describe as gravity. I will show you that we are all attached to the surface of the planet by the force field attachments of the atmosphere surrounding us.

The relative energy of the attachment forces between each gas molecule directly relates to the mass of whatever they are attached to. This image below is a very good example of gas molecules attached to mass.



As you can see here, the shock wave forming the cloud above and below the aircraft is clearly not caused by the actual shape of the structure of the aircraft, (which is built from light weight materials such as aluminium). You will discover that as the attachment forces between the gas molecules increase as the mass increases; then the shockwave is instead created by the mass of the engines of the aircraft which are at the rear. The relative attachment forces of the gas molecules increase relative to the mass of the engines which are built from much heavier and stronger materials such as steel alloys. We are looking at gravity. Gravity is simply the result of the attachment forces between all atoms.

This book will describe how gravity works in every case, not just within the Earth's atmosphere, but also at every level, from the proton right through to the full universe. In so doing, I am going to show you a completely new structure for the proton, the source of the proton, new rules to replace Ideal Gas Law and the way these new rules affect the creation of the elements. These in turn lead to a completely new view of the structure, age and origins of everything in the universe.

Chris Coles.