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Quantum Mechanics vs. General Relativity
By
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Perhaps the greatest problem facing the scientific community is the inability to correlate the science of quantum mechanics (QM)—which very accurately explains the nature of field-forces on the extremely small, subatomic scale—with the pseudo-science of general relativity (GR)—which ostensibly explains the nature of gravitational effects on the extremely large, cosmological scale. Whereas QM assumes that all field-forces on the subatomic scale are generated by the continuous impacts of force-carrying particles called “bosons” (although bosons have never actually been observed), GR assumes that there are no field-forces of gravity, and that the deflections of moving celestial bodies from straight-line paths when passing a larger gravitational body are not caused by the application of gravitational forces as stipulated by Newton, but are actually caused by the moving bodies traveling straight lines through space that has been curved by the presence of the larger gravitational bodies, thereby causing the straight-line paths of the moving bodies to also be curved within the curved space. (For example, the circular path of the moon about the earth is assumed by GR to be a straight line through space that is curved into a circle by the presence of the earth.) GR provides no explanation at all for the physical forces of gravity, as, for example, the forces that are exerted on physical bodies that are at rest and in contact with each other, such as the earth’s gravitational force that is exerted on a person standing on a scale.

Although QM and GR are both universally accepted by the scientific community, it is also acknowledged by the scientific community that the two sciences are totally incompatible and therefore one of them must be wrong; yet no one in the scientific community has had the courage to take a stand as to which one is in error. However, as explained in the book *Einstein and The-Emperor’s-New-Clothes Syndrome: The Exposé of a Charlatan*, (available at Amazon.Com) it is obvious that GR is the one at fault and should be abandoned.

In the first place, by the very definition of “space,” it is not possible for space—which consists of nothingness and is all-pervading—to be curved, either through a physical dimension, or through the non-physical dimension of time as assumed by GR: to speak of space as being curved is an oxymoron. In addition, since space consists of nothingness, it is not possible for it to exert forces of any kind.

However, as proposed in *The-Emperor’s-New-Clothes* book, by assuming the existence of a universal energy field (UEF) composed of an infinite number of invisible, “fundamental” particles of pure mass (equivalent to the force-carrying bosons of QM) in high-velocity random motion, frequently colliding with each other and rebounding with perfect elasticity, the means is readily provided for generating gravitational forces that are compatible with both QM and Newton’s original concept of universal gravitational forces. (Note that the generation of forces by the invisible, moving, elementary particles of the UEF is similar in many respects to the generation of atmospheric forces by the invisible, moving atoms and molecules of the atmosphere.) In addition to providing an explanation of gravity that is compatible with both QM and Newton, the UEF also provides explanations of numerous other as-yet unexplained phenomena of nature, such as the phenomena of light, nuclear binding forces, nuclear energy, radioactivity, the origin of matter, the missing mass of the universe, and the configuration of the universe: in short, it provides the foundation for the long sought “theory of everything.” All of these explanations are contained in the book, *Einstein and The-Emperor’s-New-Clothes Syndrome*, which is written primarily for the general public: only a high school education is required to understand it completely.