

Abstract Submitted  
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**Maxwell's Equations may have to change for Superconducting Phenomena** RICHARD KRISKE, University of Minnesota — A completely original theory was proposed by this author several years ago that a Quantum Mechanical Capillary Action theory based on an extended view of semi-conductor Physics was possible. With recent advances in Room Temperature Superconductors, this theory is on the verge of being proven. Apparently Electrons are able to travel along 'cracks' in crystals, which appears to be a sort of Capillary Action (which seems to be Superconducting at room temperature). It has long been thought that Capillary Action was Classical in nature, but then there was the strange behavior Superfluid Helium, that appeared to be Capillary Action, but occurred in an environment that would be conducive to Superconduction. This author would like to propose that these things are not contradictory, but rather Capillary Action is an Extension of the Maxwell Equations and is a type of Superconduction at room temperature. Apparently when Quantum Mechanics is seen directly in Classical Physics, one sees things like the rise of liquids with no work being done. This theory is far more exciting than that in that Laminar flow, which is regarded as Classical Physics, can be also seen to be a type of Capillary Action, so it can now be viewed as being a direct result of Quantum Mechanics.

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