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# Classical Field Theory On Electrodynamics Non Abelian Gauge Theories And Gravitation

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 electromagnetic field.It  
 describes mathematically  
 not only all interactions of  
 light with matter but also  
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the classical theory before exploring the quantum theory, as the quantum theory is built on top of the entire relativistic electrodynamic conceptual framework already established. This set of lecture notes is designed to be used to

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Quantum electrodynamics (QED), quantum field theory of the interactions of charged particles with the electromagnetic field. It describes mathematically not only all interactions of light with matter but also those of charged particles with one another. QED is a relativistic theory in that

Albert Einstein's theory of special relativity is built into each of its equations. *Classical Electrodynamics (book) - Wikipedia*

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