

Phys 731: Quantum Field Theory I Physics & Astronomy

Quantized relativistic fields. QED. Renormalization. Gauge fields. Spontaneous symmetry breaking. Electroweak interactions. QCD. 3 Credits

Prerequisites

• Phys 711: Quantum Mechanics I

Instruction Type(s)

• Lecture: Lecture for Phys 731

Subject Areas

• Elementary Particle Physics

Related Areas

- <u>Acoustics</u>
- Atomic/Molecular Physics
- <u>Condensed Matter and Materials Physics</u>
- <u>Nuclear Physics</u>
- Optics/Optical Sciences
- <u>Physics, General</u>
- Physics, Other
- <u>Theoretical and Mathematical Physics</u>

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