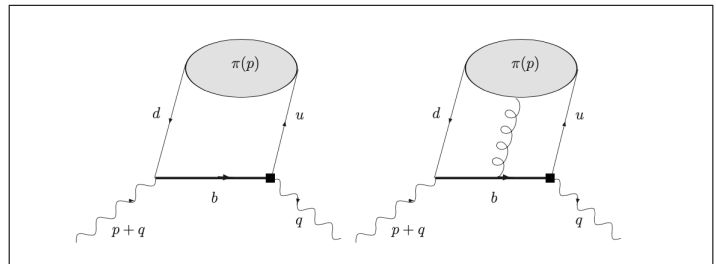
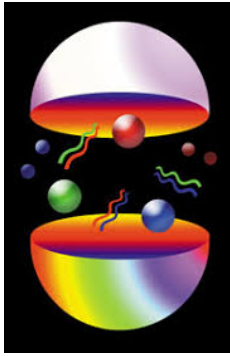


Winter term 2023/24

QCD Sum Rules and Hadrons (block course)

Prof. Dr. Alexander Khodjamirian



Topics:

1. Quantum Chromodynamics (QCD) beyond perturbation theory
2. Quark currents and hadronic matrix elements
3. Correlators of currents and operator-product expansion,
4. Dispersion relations, quark-hadron duality and QCD sum rules
5. Light-cone sum rules for hadron form factors

**Lectures: Monday 05.02.2024 - Friday 9.02.24, 10:15-11:45, room ENC-D 115,
and Friday 9.02.24, 13:00-14:30, room ENC-D 115**

The lectures are oriented to MSc. and PhD students interested in particle physics

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