

Seminar Fakulteta za fiziku

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Mjesto: O-161, Fakultet za fiziku, Sveučilišni kampus, Radmile Matejčić 2

Jezik: engleski

Gravitons as Goldstone Bosons

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Sažetak

I start by discussing the generalized global symmetries and the new paradigm comes with them in regards to Noether theorems. I use this formulation to provide an explanation that how graviton can appear as Goldstone mode for a spontaneously broken generalized symmetry. Its consequences, for example t'Hooft anomalies and electric-magnetic duality, are also discussed.