

Marc Henneaux

Chaire: Champs, cordes et gravité

Cours 2024 :

“ Formalisme des antichamps, cohomologie BRST et renormalisation des théories de jauge ”

Bibliographie

Formalisme général

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M. Henneaux et C. Teitelboim – « Quantization of Gauge Systems », Princeton University Press (Princeton : 1992)

G. Barnich, F. Brandt et M. Henneaux – "Local BRST cohomology in gauge theories," Phys. Rept **338** (2000) 439 (et références citées)

S. Weinberg – "The Quantum Theory of Fields", Volumes 1 et 2, Cambridge University Press (1995 and 1996) (chapitre 17)

Articles/exposés récents

H. M. Khudaverdian, M. T. Peddie, "Odd Laplacians: geometrical meaning of potential and modular class," *Lett.Math.Phys.* 107 (2017) 1195

A.S. Cattaneo, "The canonical BV Laplacian on half-densities," *Rev.Math.Phys.* 35 (2023) 06, 2330003

E. Witten – "Weinberg and the Role and Meaning of Symmetries in Physics", Lecture at GGI, January 19, 2022

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