String Dualities and Geometry



ID de Contribution: 35

Type: Non spécifié

Hidden isometry of "T-duality without isometry"

mercredi 17 janvier 2018 11:50 (40 minutes)

We study the T-dualisability criteria of Chatzistavrakidis, Deser and Jonke who recently used Lie algebroid gauge theories to obtain sigma models exhibiting a "T-duality without isometry". We point out that those T-dualisability criteria depend on the choice of the algebroid framing. We then show that there always exists an isometric framing for which the Lie algebroid gauging boils down to the standard Yang-Mills gauging recovering thus the traditional isometric non-Abelian T-duality in disguise.

Orateur: KLIMCIK, Ctirad