

# Concept of Anomalies and Introduction of the Wess-Zumino-Witten Action

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## **Abstract**

Most of the time a symmetry of the classical theory is also a symmetry of the quantum theory based on the same Lagrangian. When it is not the symmetry is said to be anomalous. In this talk a pedagogical introduction into this subject is given.

Moreover, I will try to link the concept of anomalies to the Wess-Zumino-Witten Action, which allows the prescription of the odd intrinsic parity sector, by the example of the  $\pi^0 \rightarrow \gamma\gamma$  decay.