

On the Poincaré Group and the Poincaré Group Derivative

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Abstract

The Poincaré Group is a group of symmetric groups that are not of the Poincaré Group. The Poincaré Group Derivative is a group of groups with all symmetries considered. The Poincaré Group Derivative is itself a Poincaré Group. We investigate the Poincaré Group Derivative in the context of the Poincaré Group and the Poincaré Group Derivative. We construct and calculate the Poincaré Group Derivative of the Poincaré Group and the Poincaré Group Derivative, and prove that the Poincaré Group Derivative is a Poincaré Group. We argue that the Poincaré Group Derivative is a Poincaré Group.