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## **Axial Vortical Effect and polarization of resonances in heavy-ion collisions**

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The axial vortical effect is considered for currents corresponding to hadrons of spin  $1/2$ ,  $1$  and  $3/2$ . The density matrix approach suggested by Zubarev and developed by Becattini and collaborators is applied. The duality between statistical description in usual Minkowski space and geometry in the space with conical singularity is addressed. The interplay with anomalies calculations is outlined.

The possible phenomenological consequences for polarization of hadrons in heavy-ion collisions are discussed.

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