## Tsallis distribution as a \$\Lambda\$-deformation of the Maxwell-J\"{u}ttner distribution

## Jean-Pierre Gazeau

So far, no consensus really exists about a consistent thermodynamics within the special relativity framework. However, with the assumption that the inverse temperature 4-vector  $\begin{aligned} \begin{aligned} temperature & the temperature & tem$ 

\$\$ q= 1 + \mathrm{cst}\sqrt{\Lambda}\,.

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