

**Retraction: Non-Gaussian Correlations in the Steady State of Driven-Dissipative
Clouds of Two-Level Atoms**
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We have performed new measurements in laser-driven dense clouds of two-level Rb atoms, similar to those described in our Letter reporting on the reduction in second-order coherence. We aimed at further studying the role of the saturation effect originating from the dead time of avalanche photodiodes in a single photon counting mode. Unexpectedly, we observed that this effect causes an important reduction of the second-order coherence for photon fluxes as low as 0.1 photons per dead time, similar to those used in the experiments reported in the Letter. These new observations are supported by preliminary numerical simulations in which the effect of the photodiode dead time is included. We conclude that a large part of the observed reduction in the second-order correlation function reported in our Letter could be accounted for by this saturation effect. While these new results do not exclude the presence of non-Gaussian correlations, our previous observations are not sufficient to support the main claim of the Letter. Further investigations are needed to explain the experimental findings and compare them to a thorough theoretical description. This will be the subject of an upcoming work. Importantly, we have checked that the effect does not invalidate the data on the second-order coherence or any other observables reported in other publications from our group.

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