

Report for ELE456:
“Resolving photon number states in a superconducting circuit”

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This is the final-report for the course ELE456 about the project on understanding the paper[1].

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- [1] DI Schuster, AA Houck, JA Schreier, A Wallraff, JM Gambetta, A Blais, L Frunzio, J Majer, B Johnson, MH Devoret, et al. Resolving photon number states in a superconducting circuit. *Nature*, 445(7127):515–518, 2007.