



Vera C. Rubin Observatory  
Rubin Observatory Operations

# Study of the Linearity of the CCDs of the Vera C. Rubin Observatory

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RTN-055

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## Abstract

We show our exploration of sets of PTC data for different detectors of the LSSTCam, and inspect how it deviates from polynomial and exponential fits. We present a tutorial on how to connect to the Rubin Science Platform and access the notebooks and other project files. Then we present the approach taken to work with the Stack's linearizer algorithm and the results obtained by varying the parameters involved in the different fits that can be used.

## Change Record

Version	Date	Description	Owner name
1	YYYY-MM-DD	Unreleased.	Jerónimo Calderón

*Document source location:* <https://github.com/lstt/rtn-055>

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## A References

## B Acronyms

<b>Acronym</b>	<b>Description</b>
DM	Data Management