



Vera C. Rubin Observatory
Data Management

Periodicity Analysis in Alert Production

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DMTN-221

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Abstract

The baselined timeseries features to be computed in Alert Production include a Lomb-Scargle periodogram. We assess the computational and scientific performance of several configurations on simulated alert data.

Change Record

Version	Date	Description	Owner name
1	YYYY-MM-DD	Unreleased.	Eric Bellm

Document source location: <https://github.com/lstt-dm/dmtn-221>

Contents

A References	1
B Acronyms	1

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A References

B Acronyms

Acronym	Description
DM	Data Management
DMTN	DM Technical Note