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Initial Inflight Calibration for Hayabusa2 Optical Navigation Camera (ONC) for Science Observations of Asteroid Ryugu

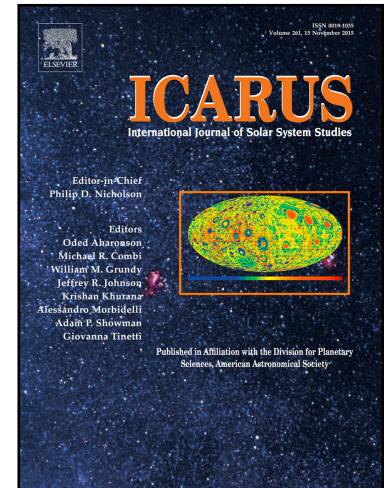
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Highlights

- Optical calibrations based on actual flight data of celestial bodies are performed.
- A unique method using lunar radiance models is performed for a calibration of ONC-T.
- Detectability of the serpentine absorption band in Ryugu by ONC-T is proved.
- Potential problems of the ONC found in cruising, and countermeasures are presented.
- Essential information on optical specification of ONC for image handling is shown.

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