



## *Supplement of*

# **Auroral alert version 1.0: two-step automatic detection of sudden aurora intensification from all-sky JPEG images**

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- gi-12-71-2023-supplement-title-page.pdf
- python\_program
  - aurora\_alert2021.py
  - judge\_aurora\_ASC2021.py
  - nowcast\_index2021.py
  - nowcast\_mindex\_main2021

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