

## Development of Aeroelastic Simulation Tool based on FaSTAR-Move

Report Number: R18EDA201N02

Subject Category: Aeronautical Technology

URL: <https://www.jss.jaxa.jp/en/ar/e2018/9123/>

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- **Abstract**

Development of Aeroelastic Simulation Tool based on FaSTAR-Move

- **Reasons for using JSS2**

Aeroelastic analysis requires unsteady analysis. Therefore, it is necessary to use JSS2 because the simulation cost is high.

- **Achievements of the Year**

Implemented the function of the aeroelastic simulation and conducted validation analysis.

- **Publications**

N/A

- **Usage of JSS2**

- **Computational Information**

Process Parallelization Methods	MPI
Thread Parallelization Methods	N/A
Number of Processes	8 - 128
Elapsed Time per Case	20 Hour (s)

- **Resources Used**

Fraction of Usage in Total Resources<sup>\*1</sup> (%): 0.00

## Details

Computational Resources		
System Name	Amount of Core Time (core x hours)	Fraction of Usage*2 (%)
SORA-MA	26,089.00	0.00
SORA-PP	28.71	0.00
SORA-LM	0.00	0.00
SORA-TPP	0.00	0.00

File System Resources		
File System Name	Storage Assigned (GiB)	Fraction of Usage*2 (%)
/home	3.85	0.00
/data	1,919.16	0.03
/ltmp	778.15	0.07

Archiver Resources		
Archiver Name	Storage Used (TiB)	Fraction of Usage*2 (%)
J-SPACE	0.00	0.00

\*1: Fraction of Usage in Total Resources: Weighted average of three resource types (Computing, File System, and Archiver).

\*2: Fraction of Usage: Percentage of usage relative to each resource used in one year.