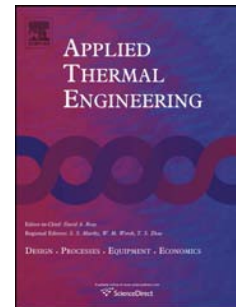


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Mathematical modeling of a new satellite thermal architecture system connecting the east and west radiator panels and flight performance prediction

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Highlights

- We developed a mathematical model of a novel satellite thermal architecture.
- We provided the dimensioning cases to design the thermal architecture.
- We provided the failure mode cases to verify the thermal architecture.
- We provided the results of the corresponding dimensioning and failure cases .

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