

A Combined Data and Power Management Infrastructure

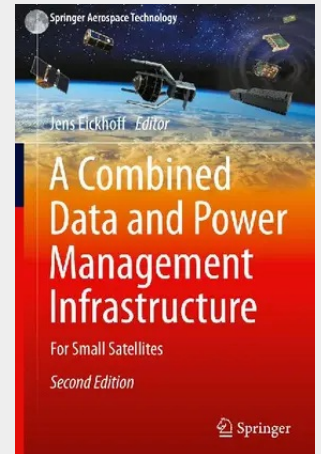
For Small Satellites

This book describes the development and design of a unique combined data and power management infrastructure for small satellites. This new edition became necessary because **in the frame of** the system's impressive evolution from an **academic** prototype to one of today's most advanced **core avionics**, many elements were upgraded to **their next technology generation** and **diverse new** components **complement** the upgraded design. All **elements** are presented in **updated respectively** new chapters.

This modular infrastructure was selected by the Swiss start-up ClearSpace SA for ESA's first mission **ClearSpace-1** to **remove** space debris.

Furthermore it is the baseline for the Thai national satellite development program and is used by an increasing number of universities worldwide for research studies.

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