Orbital systems Satellites Transversal competencies

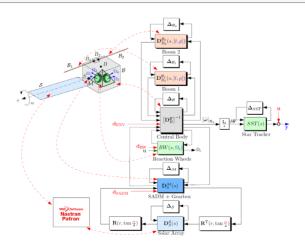


DYCSYT (DYnamics and Control of SYstems – Tools) is a spin-off company of ISAE-SUPAERO, created by researchers specialized in the modeling and robust control of flexible structures.

COMPETENCIES & CAPABILITIES

DYCSYT has its activity in the research and development in control engineering, and is more particularly specialized in:

- Modeling and control of flexible structures,
- Modeling of systems with parametric uncertainties,
- Robust control,
- Control/structure co-design.



DYCSYT

PRODUCTS & SERVICES

DYCSYT develops and distributes the SDTlib (Satellite Dynamics Toolbox - Library), a modeling software dedicated to improving the GNC/AOCS design of flexible space systems. DYCSYT is also involved in projects led by ESA in partnership with satellite constructors, and proposes expertise services for studies related to the modeling and control of spacecrafts with flexible dynamics.

MAJOR SPACE PROJECTS & REFERENCES

The founders of DYCSYT have participated in many R&D projects lead by ESA in an academic context.

Scientific publications: https://dycsyt.com/publications

DYCSYT has carried out a first contract with the company Infinite Orbits.

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