

Grupo de Ingeniería de Vehículos

GREEN



Equipo

6 Profesores permanentes

2 Profesores visitantes

2 Postdocs

4 Doctorandos

4 Becarios de investigación



Dr. D. José Luis
Olazagoitia
Responsable IP



Dr. D. Jordi Viñolas
Researcher



Dr. D. Ciro Moreno
Researcher



D^a. Carmen Iniesta
Researcher



D. Alejandro
González
Researcher



D^a. M^a Sonsoles
García
Researcher



Dr. D. Ingo Kaiser
Researcher



Dr. D. John Prakash
Susainathan
Researcher



Dr. D. Carlos Lli
Researcher



Dr. D. Jong-Bong Kim
External Researcher



Dr. D. Lincoln Bowen
External Researcher



D. Carlos R. Gijón
External Researcher



Dr. D. Mahidur Sarker
External Researcher



D. Marco Casale Nieto
Research Fellow



D. Juan Manuel Díaz
Research Fellow



D. Fernando López
Research Fellow



D. Alberto Lindon
Research Fellow

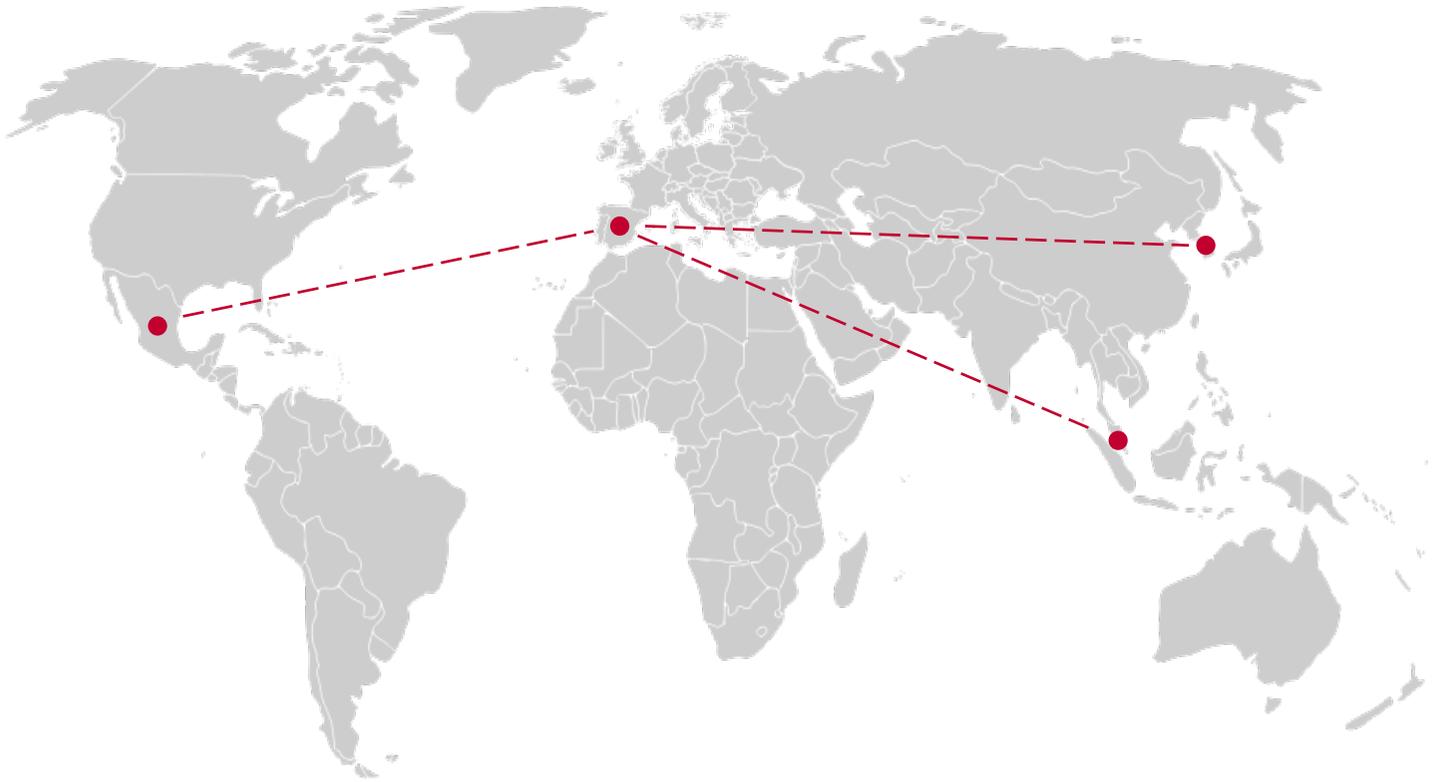


Colaboraciones internacionales

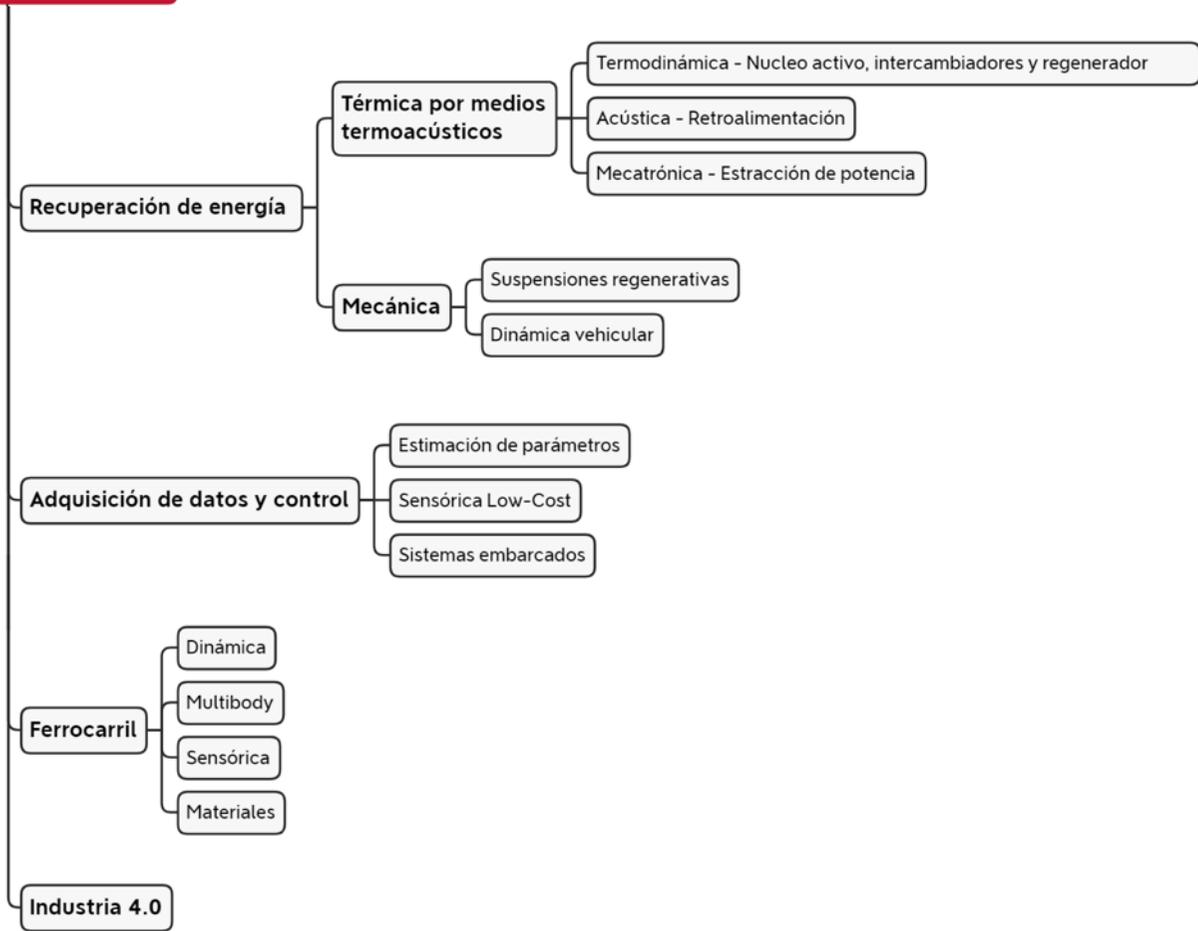
Tecnológico de Monterrey - MEXICO

Seoultech - SOUTH KOREA

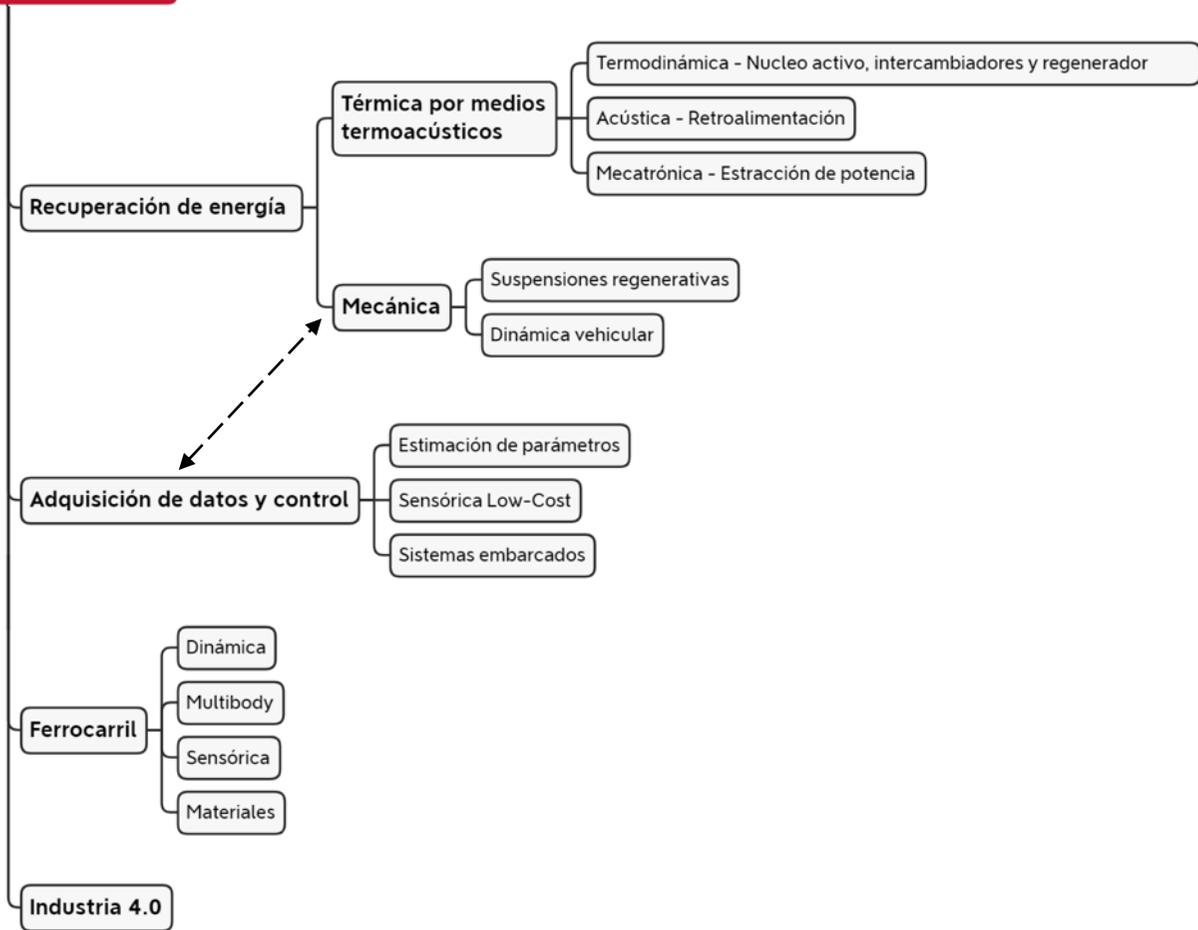
Universiti Kebangsaan - MALAYSIA



Líneas de investigación



Líneas de investigación



Proyectos

RECUPERA

Recovery of residual energy in light vehicles.



SEGVAUTO

Vehicle Safety for Intelligent, Sustainable, Safe and Inclusive Mobility.



NEXTGEAR

Next Generation Methods, Concepts and Solutions for the Design of Robust and Sustainable Running Gear.

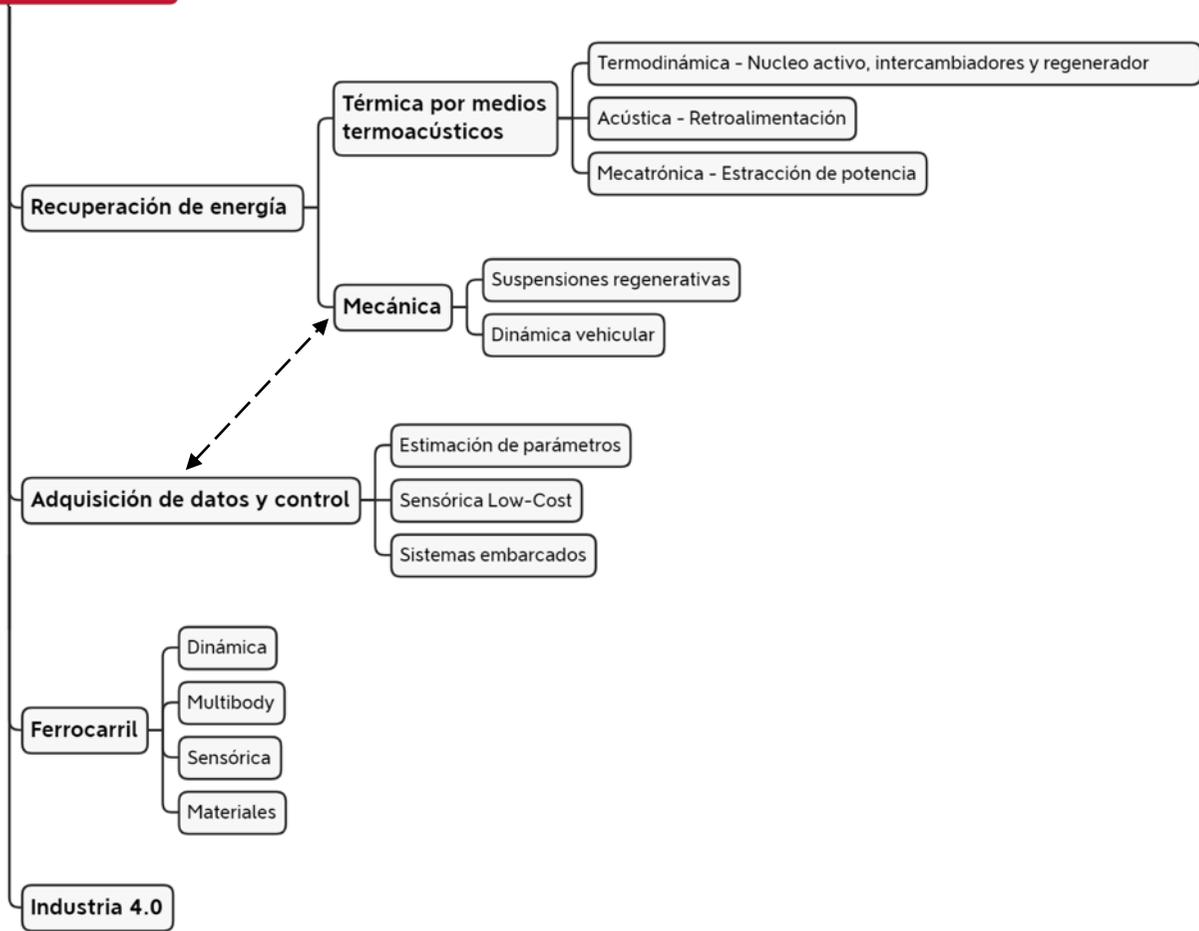


VOJEXT

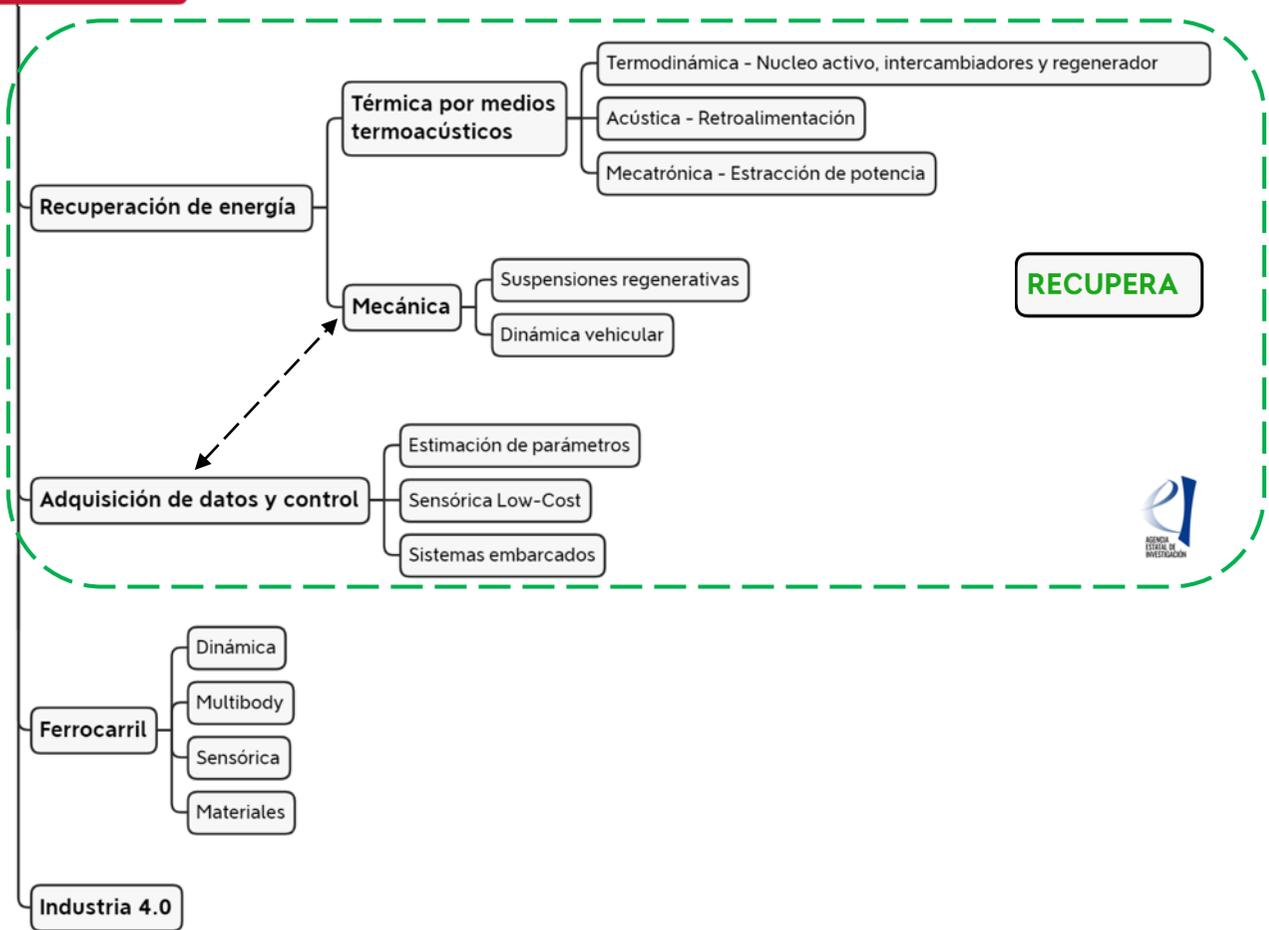
Value of Joint Experimentation in digital Technologies for Manufacturing and Construction.



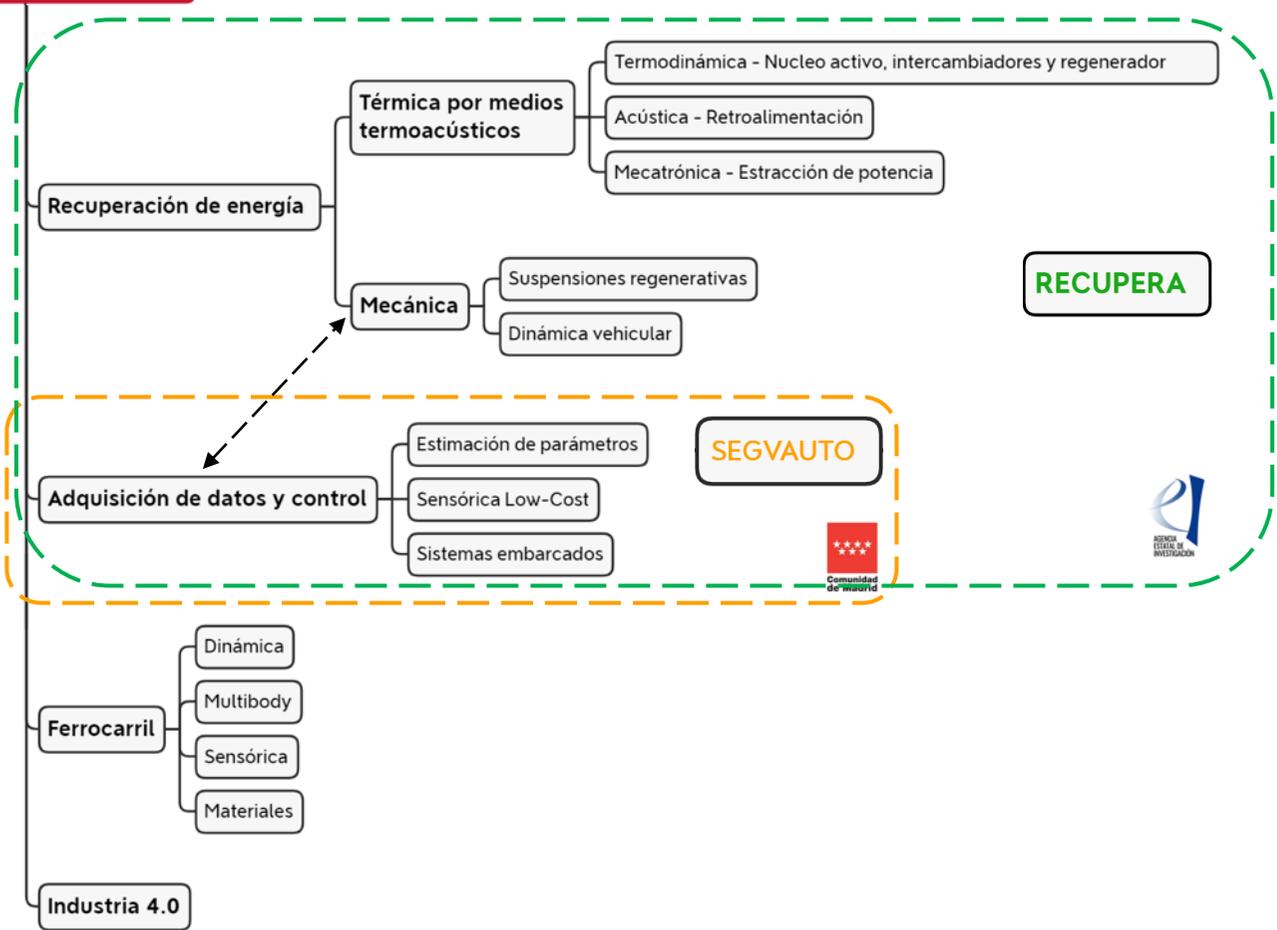
Líneas de investigación



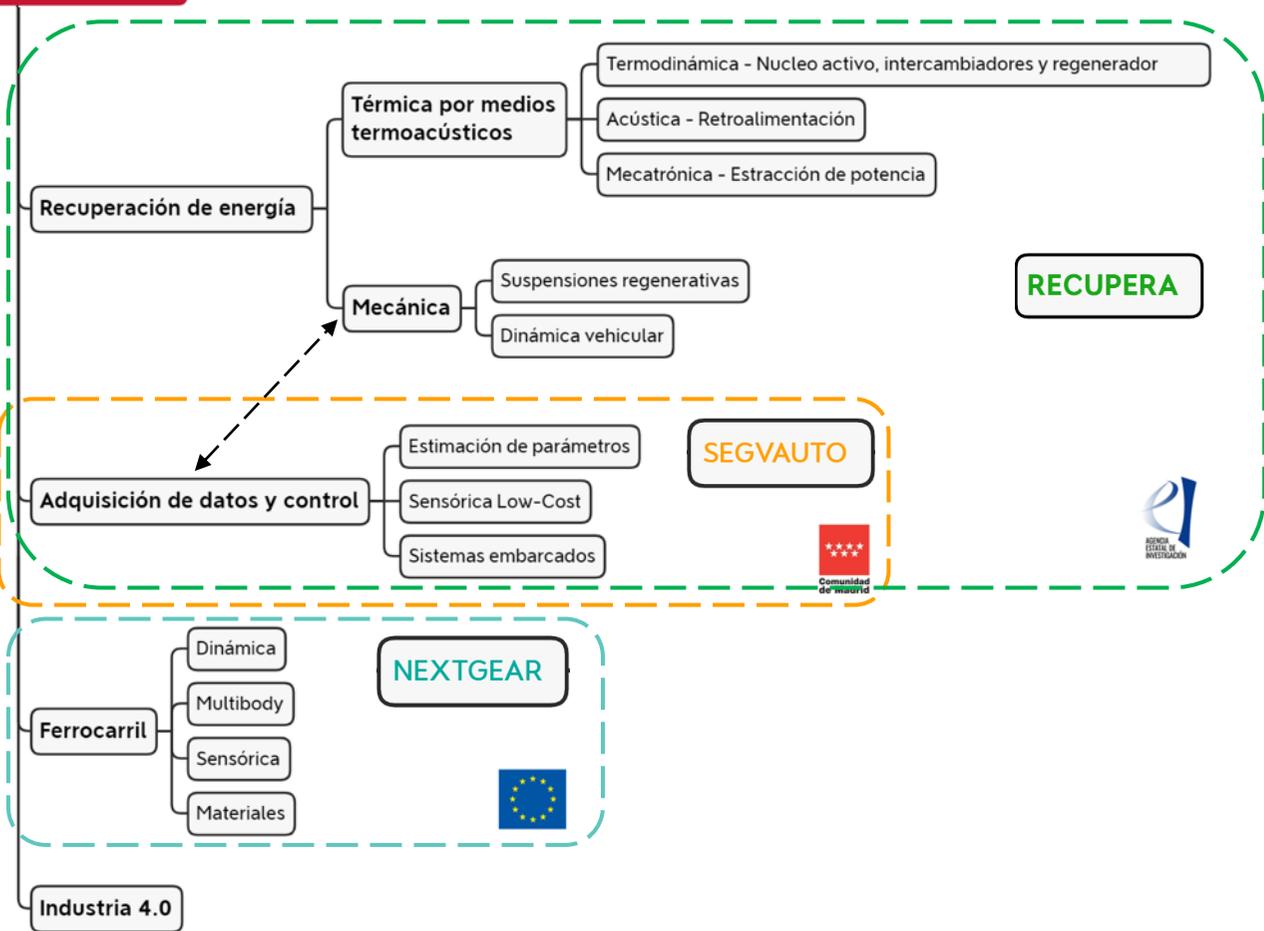
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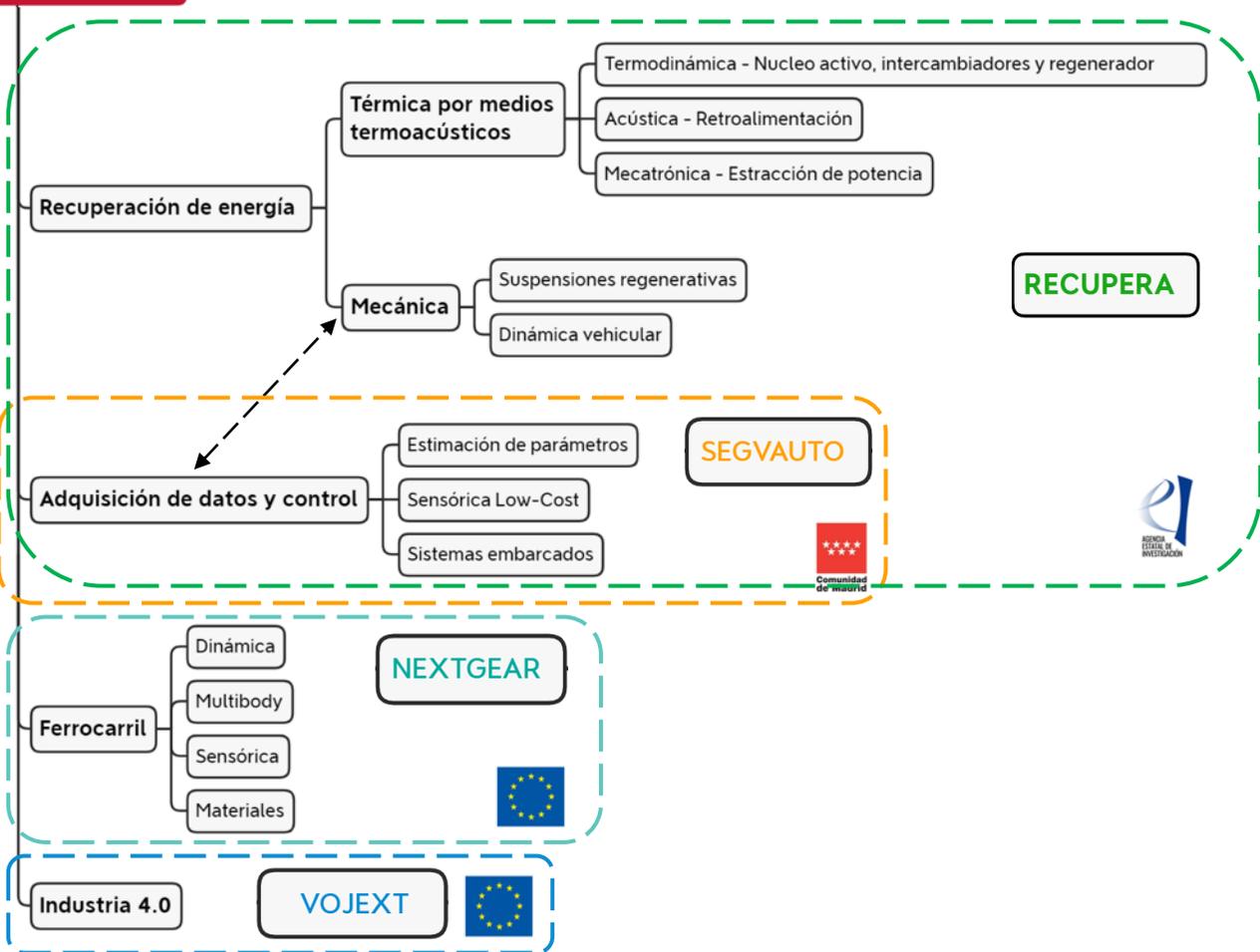
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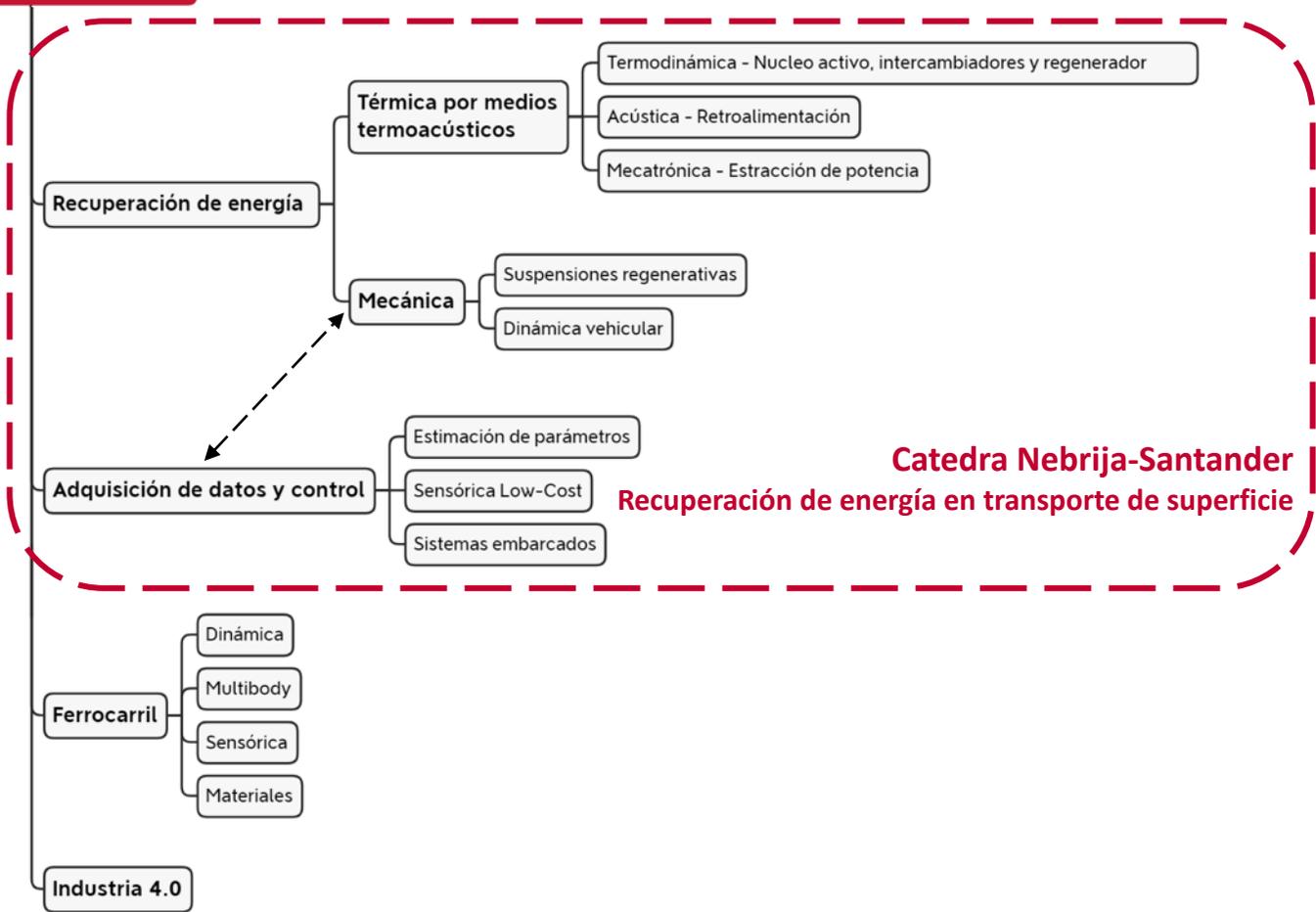
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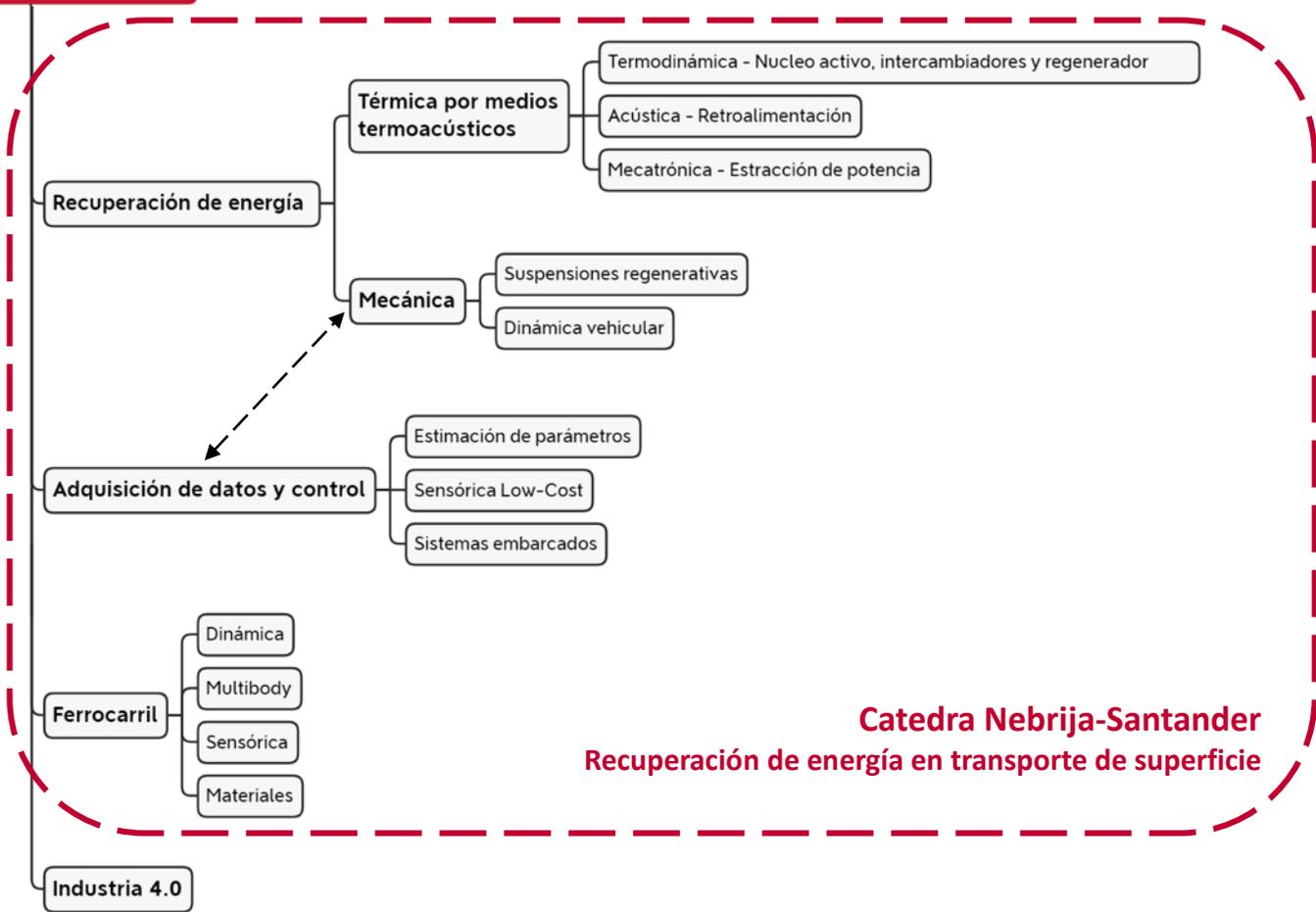
Líneas de investigación



Líneas de investigación



Líneas de investigación



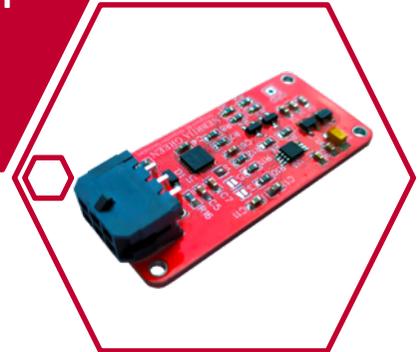
Catedra Nebrija-Santander
Recuperación de energía en transporte de superficie



RECUPERACIÓN DE ENERGÍA TÉRMICA



SISTEMA DE ADQUISICIÓN Y CONTROL



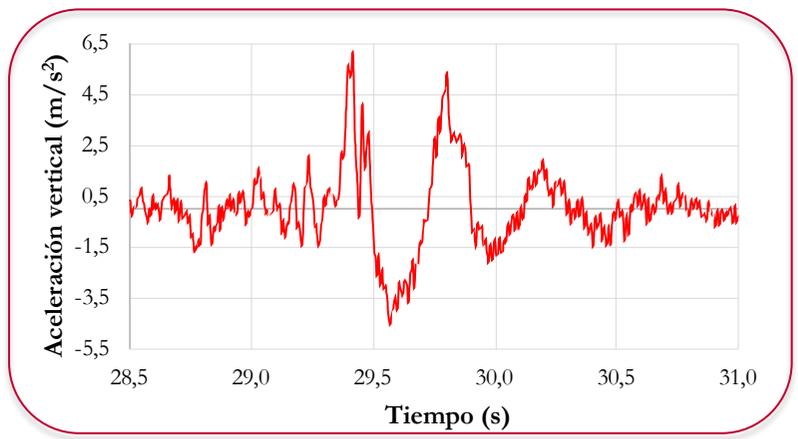
RECUPERACIÓN DE ENERGÍA MECÁNICA

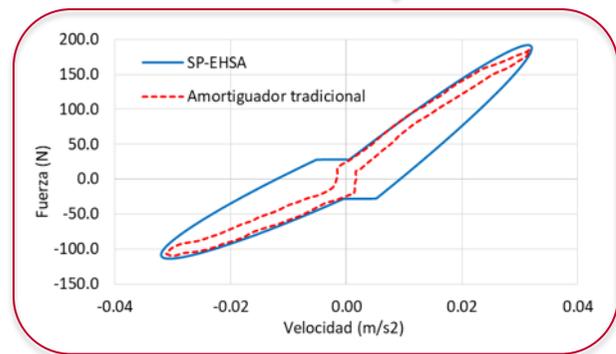
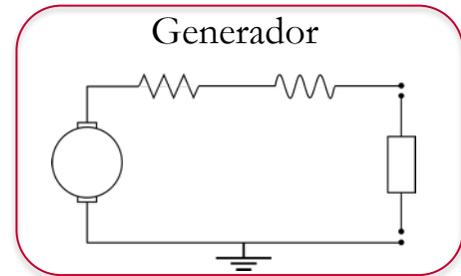
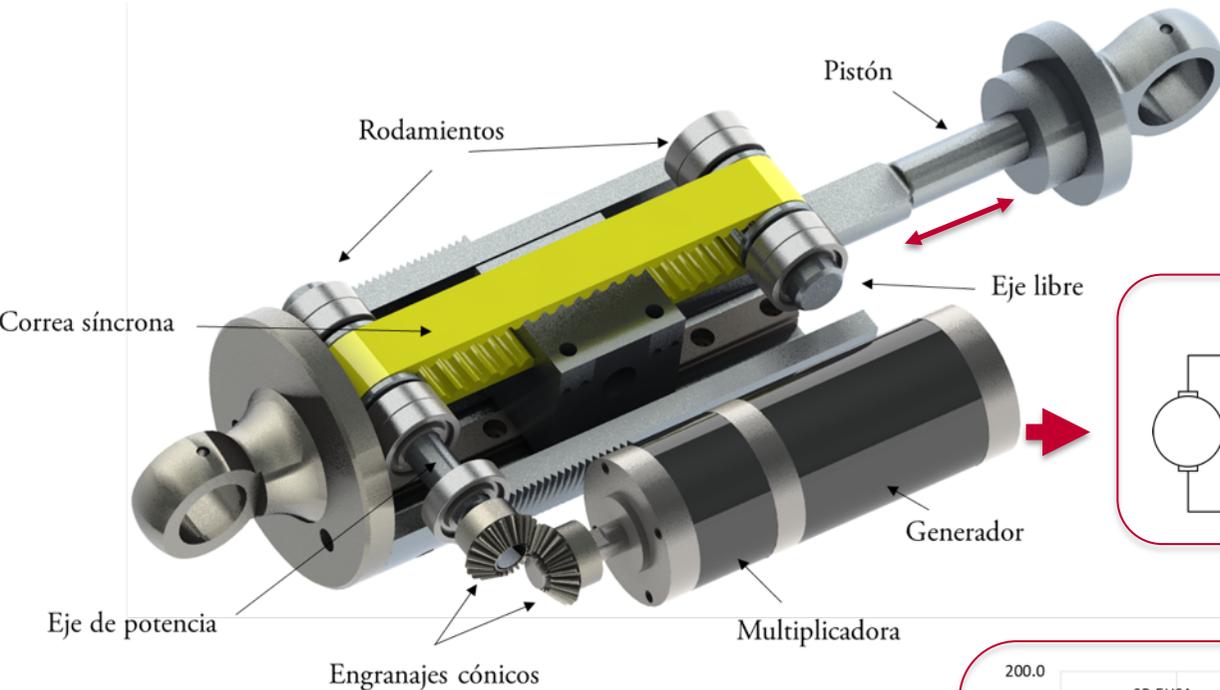


Recuperación de energía mecánica y adquisición de datos

GREEN









PC remoto



microPC

IMUs 6DOF +Desplazamiento

IMUs 6DOF +Desplazamiento



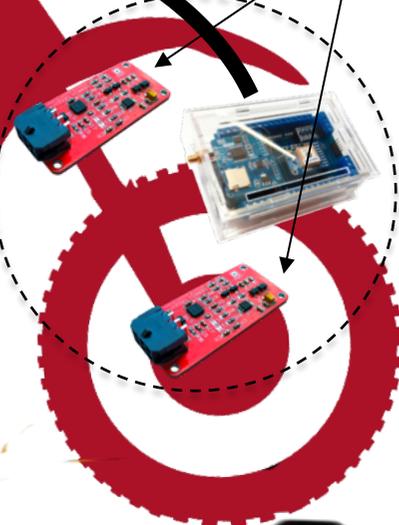
DAQ1



GPS

IMU 9DOF

DAQ2

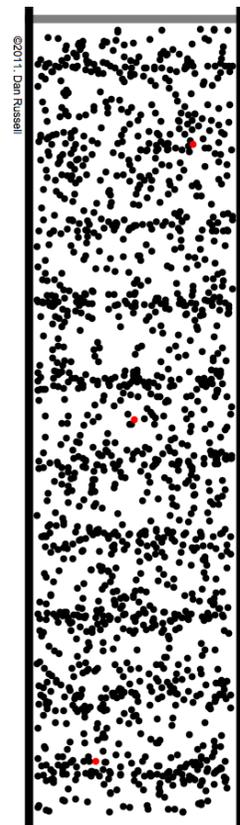
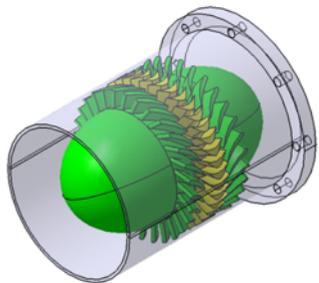
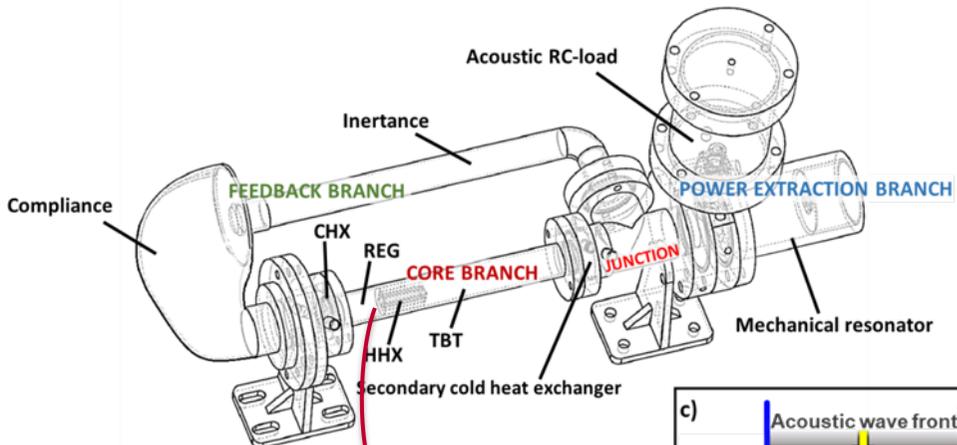


DAQ3

Recuperación de energía térmica por medio de sistemas termoacústicos

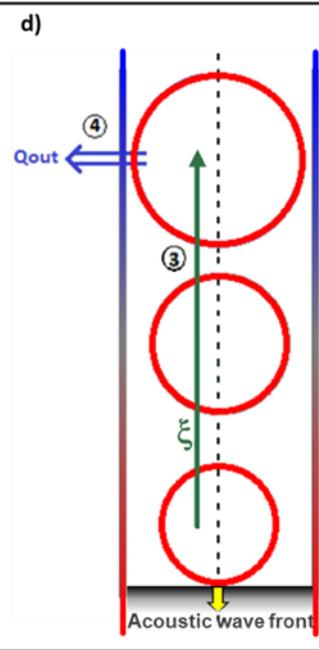
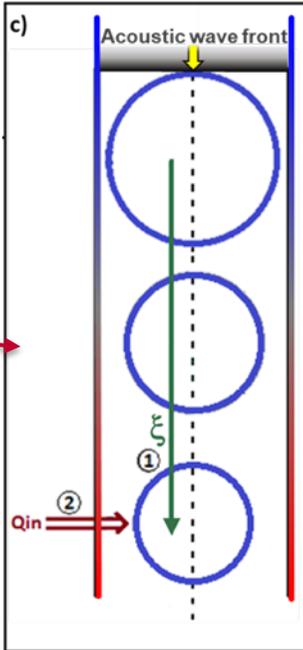
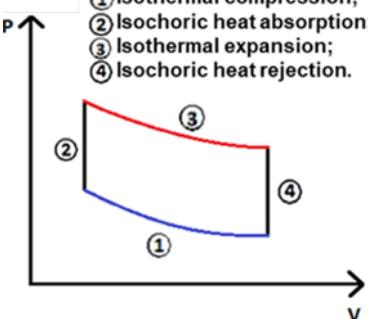
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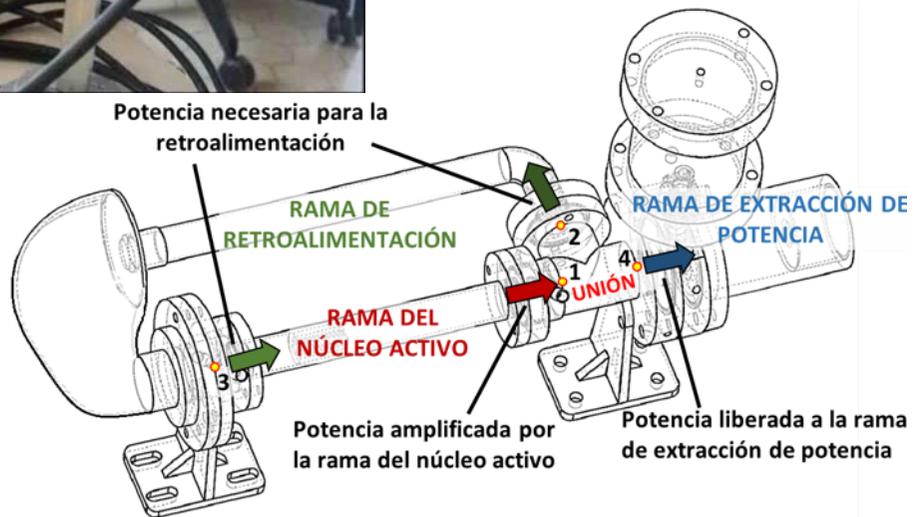
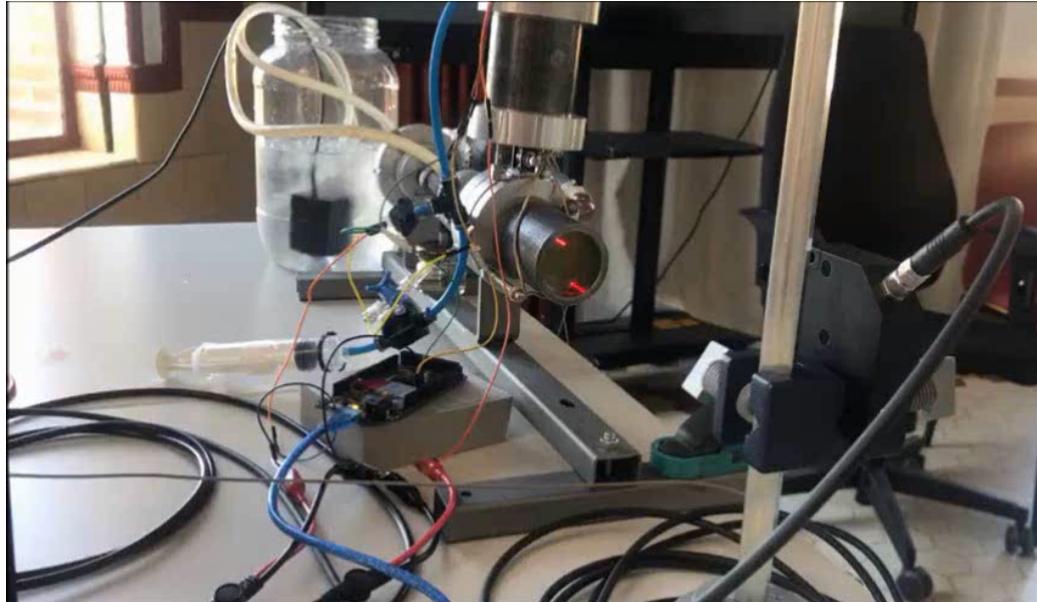


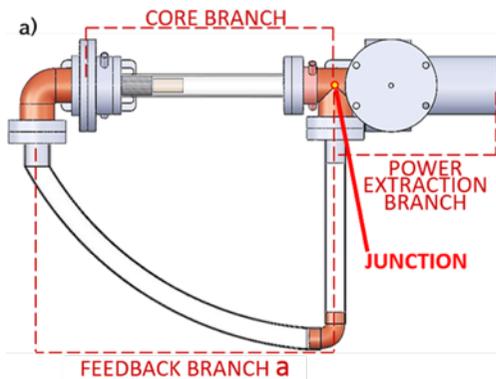


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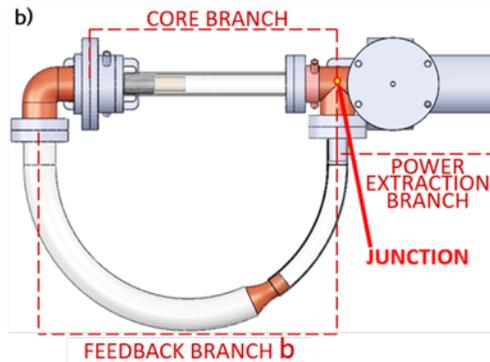
- ① Isothermal compression;
- ② Isochoric heat absorption;
- ③ Isothermal expansion;
- ④ Isochoric heat rejection.



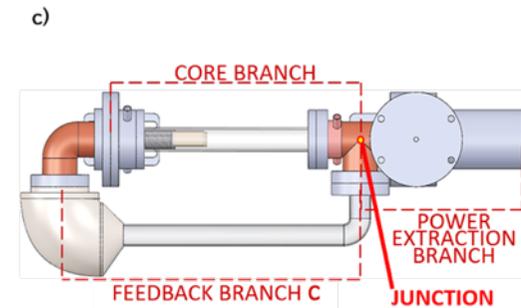




3 W



6 W



8 W

