

# ?synth

Programming container called `synth` allows the programmers to design and solve sophisticated Lagrangian and Hamiltonian dynamical systems.

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- [Graph Lagrangian for CO2 and Benzene to compute vibrational spectra](#)
- [Legendre things](#)

# ?synth: An Introduction

[https://www.wolframcloud.com/obj/ccn2/Published/Hamiltonian\\_things\\_par1.nb](https://www.wolframcloud.com/obj/ccn2/Published/Hamiltonian_things_par1.nb)

# Graph Lagrangian for CO<sub>2</sub> and Benzene to compute vibrational spectra

[https://www.wolframcloud.com/obj/ccn2/Published/graph\\_lagrangian.nb](https://www.wolframcloud.com/obj/ccn2/Published/graph_lagrangian.nb)

# Legendre things

[https://www.wolframcloud.com/obj/ccn2/Published/Legendre\\_things.nb](https://www.wolframcloud.com/obj/ccn2/Published/Legendre_things.nb)