

# Molecular Dynamics Simulation of a Van der Waals Gas

Generated by Doxygen 1.10.0



---

<b>1 EIA-G3</b>	<b>1</b>
1.1 Eines Informàtiques Avançades 2024 . . . . .	1
1.1.1 Aim: . . . . .	1
1.1.2 Scientific goal: . . . . .	1
<b>Index</b>	<b>3</b>



# Chapter 1

## EIA-G3

project: Molecular Dynamics Simulation of a Van der Waals Gas authors: Manel Serrano, Albert Plazas, Anna Monclús, Aina Gaya

### 1.1 Eines Informàtiques Avançades 2024

#### 1.1.1 Aim:

To learn how to work in a group around a computational science project by using all the tools learned during the course.

#### 1.1.2 Scientific goal:

Build a simple molecular dynamics program to deal with a Van der Waals gas of particles. All students must perform collaborative work to get a working program code. Thus, all the tasks involved in the implementation of this program must be decided accordingly.



# Index

EIA-G3, [1](#)