

Berforini D'Aquino Riccardo
Da Ponte Nicola
Franzese Saverio
Rizwan Ullah
Romano Clemente

COLLEGIO
UNIVERSITARIO
LUCIANO
FONDA
TRIESTE

Paradoxes

*How riddles stimulate our minds,
from literature to mathematics*

The main topic of this thesis is the notion of paradox and how it naturally arises when trying to approach nature with logic; in particular, we put our focus on topic related to mathematics. This choice is motivated by the authors' desire to present a topic related to math that could spark interest in and be approached by anybody: to this goal, the number of formalities is kept to the minimum and intuition is all one needs to approach any of the topics here presented. However, a solid grasp of high school level mathematics may be helpful in appreciating some passages.

