

Mathematically determining the orbit of the I.S.S using its ground tracks

A Mathematical exploration

Written by Johan-Petter R. Dragic



Contents

1	Introduction	1
1.1	Personal engagement	1
2	Background theory	1
2.1	What are orbits	1
3	Modelling	1

1 Introduction

The International Space Station (commonly referred to as the ISS)

1.1 Personal engagement

2 Background theory

2.1 What are orbits

3 Modelling