

# Antikythera Mechanism - Initial Phase Fleshed Out

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## Abstract

Abstract will be done last, and will include something similar to the introduction

## Introduction Heading: Founding

Introduction Goes Here - Introduce the device and how it was found in a roman shipwreck - Chronologue a quick tour through its recorded history and lead into Price's work on the device in the 70's - once that is done transtion into the first main section of the body

## Main Body Heading I: Initial Examinations

Main Body Goes Here - Mention Price's work and X-Rays and the current work being doing by the AMRP. Additionally look at the extrapolations which have been done to Prices work and some of the areas which are under scrutiny.

Introduce the Mechanism through a story about its founding.

Leading into the work of Price, and then Introduce some of the extrapolations.

Focus on the initial findings and major work that has been done upto this point by the key researchers in the field

## Main Body Heading II: Construction

Main Body Continues Here - Include remarks on the Inscriptions and the shipwreck and proposed ideas relating to its age. Additionally Mention its construction materials, the craftsmanship, and the relative sizes of the gears and the # of gears. State the proposed look of the dials and the spirals. Relate it on a more technical and mechanical level rather than that of a functional

Focus on the Construction of the Device and the Evidence Supporting it.

## Main Body Heading III: Function

Main Body Finishes Here - Remark on the meaning of the inscriptions in more detail here than above. Include remarks on the metonic and synodic calendars, the calculations and eclipse predictions and its use for the olympiad years and the games - mention the proposed dials for the planets and list the babylonian calendars and zodiac.

Focus on  
the Func-  
tionality  
of the De-  
vice and  
its purpose

## Conclusions/Discussions Heading: Reflections

Conclusion Goes Here - Remark on the differences of opinion and the similarities - Restate some of the introduction but with more finitude, and then additionally finish up with a remark of the extraordinary nature of the device and what it could mean for our understanding of the past.