

# Apmops invitation round (2023)

Maths Olympiad ( Beginner P3 & P4) Unleash The  
Maths Olympian In You! OCaml from the Very  
Beginning Introducing Mathematics World of  
Computing

# **Maths Olympiad ( Beginner P3 & P4) Unleash The Maths Olympian In You!**

2011

in ocaml from the very beginning john whitington takes a no prerequisites approach to teaching a modern general purpose programming language each small self contained chapter introduces a new topic building until the reader can write quite substantial programs there are plenty of questions and crucially worked answers and hints ocaml from the very beginning will appeal both to new programmers and experienced programmers eager to explore functional languages such as ocaml it is suitable both for formal use within an undergraduate or graduate curriculum and for the interested amateur

## ***OCaml from the Very Beginning***

2013

explains the history and origins of the various streams of mathematics

## **Introducing Mathematics**

1999

this engaging work provides a concise introduction to the exciting world of computing encompassing

the theory technology history and societal impact of computer software and computing devices spanning topics from global conflict to home gaming international business and human communication this text reviews the key concepts unpinning the technology which has shaped the modern world topics and features introduces the foundations of computing the fundamentals of algorithms and the essential concepts from mathematics and logic used in computer science presents a concise history of computing discussing the historical figures who made important contributions and the machines which formed major milestones examines the fields of human computer interaction and software engineering provides accessible introductions to the core aspects of programming languages operating systems and databases describes the internet revolution the invention of the smartphone and the rise of social media as well as the internet of things and cryptocurrencies explores legal and ethical aspects of computing including issues of hacking and cybercrime and the nature of online privacy free speech and censorship discusses such innovations as distributed systems service oriented architecture software as a service cloud computing and embedded systems includes key learning topics and review questions in every chapter and a helpful glossary offering an enjoyable overview of the fascinating and broad ranging field of computing this easy to understand primer introduces the general reader to the ideas on which the digital world was built and the historical developments that helped to form the

modern age

# **World of Computing**

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