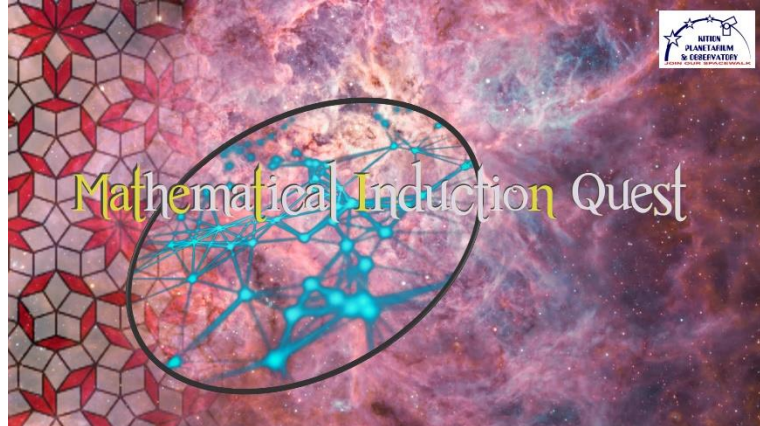




Dear friend/member/amateur astronomer,

The **KITION PLANETARIUM & OBSERVATORY** announces a special course for lyceum students for this Summer



## **MATHEMATICAL INDUCTION QUEST**

The course consists of 4 sessions. It discusses the method of mathematical induction in school. It touches the widely known tasks of sequences and concentrates on skills to put it in practice in different areas, such as graph theory, chain fractions and tasks on golden ratio. The final session pays special attention in paradoxes of the mathematical induction. Well-planned and well-designed homework can help students consolidate their knowledge and to practise their skills and to expand the mathematical vision of students.

The 1.5 hours sessions will be conducted by the Astrophysicist Alexander Prokofyev in English every Friday, **starting on 7<sup>th</sup> July 2023 at 12:00** online (remotely).

Alexander Prokofyev graduated with honor the Department of Physics at Moscow State University (Lomonosov University).

His scientific work is connected to "Cosmic Strings in Expanded Theories of Gravitation". Nowadays he conducts research in archeoastronomy, organizes and participates in observations of total solar eclipses, meteor showers and asteroid occultations. He has publications in scientific and popular editions, and makes reports in both national and International conferences, from Cyprus to the USA. He is known for his pedagogical skills. The students he prepared for the competitions of the International Olympiad in Astronomy and Astrophysics achieved 3 times an 'honorable mention' level as well as brought 1 medal, being amongst the top the talented students on the planet.

These are the highest ever awards that Cypriot participants have achieved.

On completion of the course a participation certificate will be awarded.

*Booking in advance is obligatory*

FEES: €80 for the course

***JOIN OUR SPACEWALK...***

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