



AMERICAN  
UNIVERSITY  
OF BEIRUT

# MATHEMATICS OLYMPIAD

THE AMERICAN UNIVERSITY OF BEIRUT EDITION

The Math Olympiads are a competition aimed at high school students. The spirit of the contest is to showcase an unusual, stimulating and entertaining side of Mathematics: the problems emphasize ingenuity and imagination over technical prowess, and aim at introducing the students to new ways of thinking about the subject.

A collaboration between the:  
**Department of Mathematics, CAMS and SMEC**

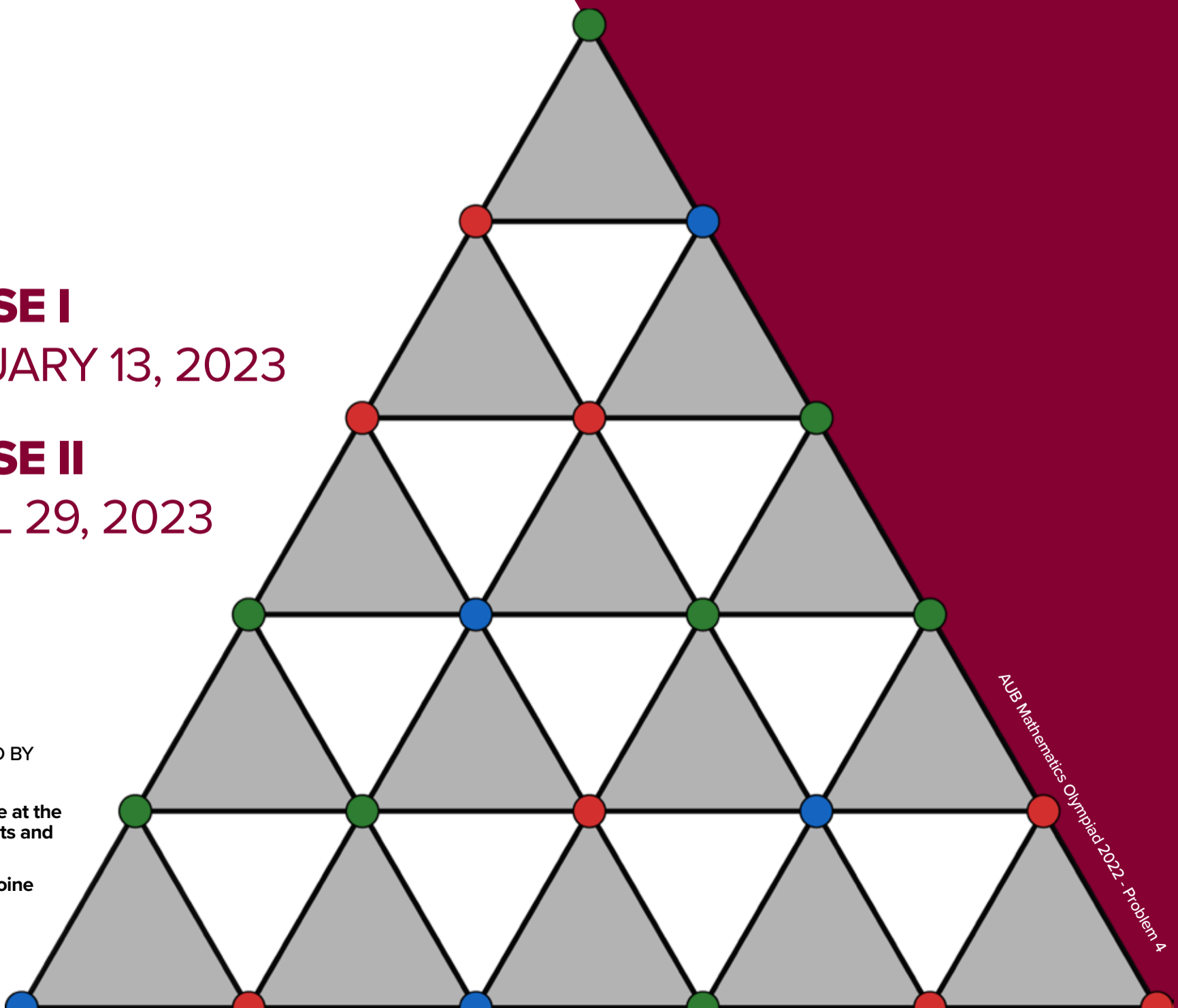
## PHASE I

JANUARY 13, 2023

## PHASE II

APRIL 29, 2023

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AUB Mathematics Olympiad 2022 - Problem 4