

MAT3

MATHEMATICAL TRIPOS **Part III**

Tuesday, 13 June, 2023 1:30 pm to 4:30 pm

PAPER 337

APPLICATIONS OF QUANTUM FIELD THEORY

Before you begin please read these instructions carefully

Candidates have **TWO HOURS** to complete the written examination.

Attempt **BOTH** questions.
There are **TWO** questions in total.
The questions carry equal weight.

STATIONERY REQUIREMENTS

Cover sheet
Treasury tag
Script paper
Rough paper

SPECIAL REQUIREMENTS

None

<p>You may not start to read the questions printed on the subsequent pages until instructed to do so by the Invigilator.</p>
