

MAT3

**MATHEMATICAL TRIPOS**      **Part III**

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Thursday 4 June 2026 9:00am to 12:00pm

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**PAPER 154**

**INTRODUCTION TO NONLINEAR ANALYSIS**

**Before you begin please read these instructions carefully**

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

Attempt **ALL** questions.

There are **THREE** questions in total.

The questions carry equal weight.

**STATIONERY REQUIREMENTS**

Cover sheet  
Treasury tag  
Script paper  
Rough paper

**SPECIAL REQUIREMENTS**

None

**You may not start to read the questions  
printed on the subsequent pages until  
instructed to do so by the Invigilator.**