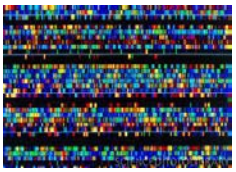
Week 07
Term 1

Learning Brief

MA3: Bivariate Data Analysis and Arithmetic Progression

Goals



By the end of this topic, you should be able to:

- use arithmetic sequences to model and analyse practical situations involving linear growth or decay; for example, analysing a simple interest loan or investment, calculating a taxi fare based on the flag fall and the charge per kilometre, or calculating the value of an office photocopier at the end of each year using the straight-line method or the unit cost method of depreciation.

Theoretical Components

Topic for this week:

1. Applications of Arithmetic Progression

Practical Components

EX1: 1, 8, 11, 14 to 20

QFO

Quiz/Forum/Other

You have a quiz to complete on mathspace

Investigation

In-class this week, no investigation.