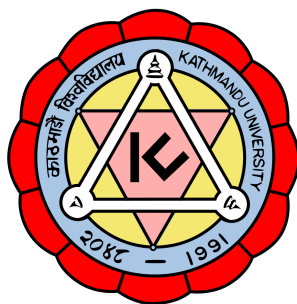


# Advanced Calculus and Statistics

AIMA 104



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## **Text Book:**

1. David C. Lay, Linear Algebra and Its Applications (4th edition), Pearson.
2. Gilbert Strang, Introduction to Linear Algebra, Wellesley-Cambridge Press.

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## 1.1 Introduction

The branch *linear algebra* is much younger than the branch *calculus*. To give a clear introduction of the course linear algebra, we need to look at it from at least three sides, and consequently we can say that we can approach it from the following three sides.