

Introduction

Undergraduate Texts in Mathematics

UTM

Sheldon Axler


Linear Algebra Done Right

Third Edition

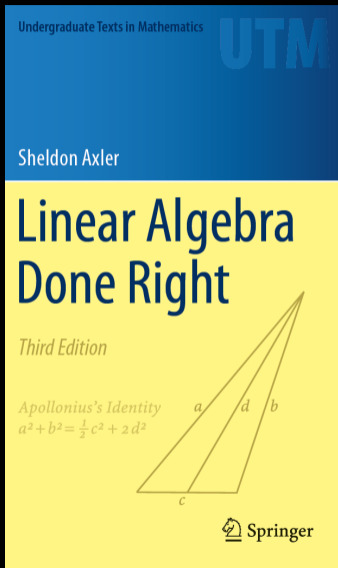
Apollonius's Identity

$$a^2 + b^2 = \frac{1}{2}c^2 + 2d^2$$

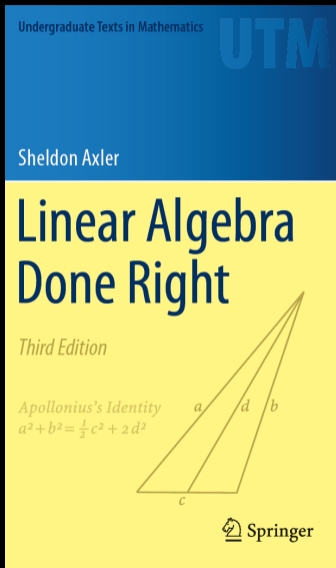


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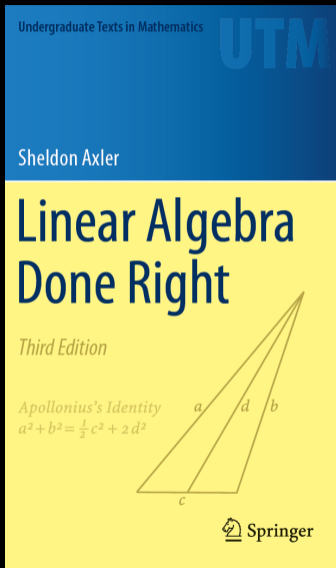
The Front Cover



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Definition Boxes and Result Boxes

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Dimension of a sum

If U_1 and U_2 are subspaces of a finite-dimensional vector space, then

$$\dim(U_1 + U_2) = \dim U_1 + \dim U_2 - \dim(U_1 \cap U_2).$$

Contact Information



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