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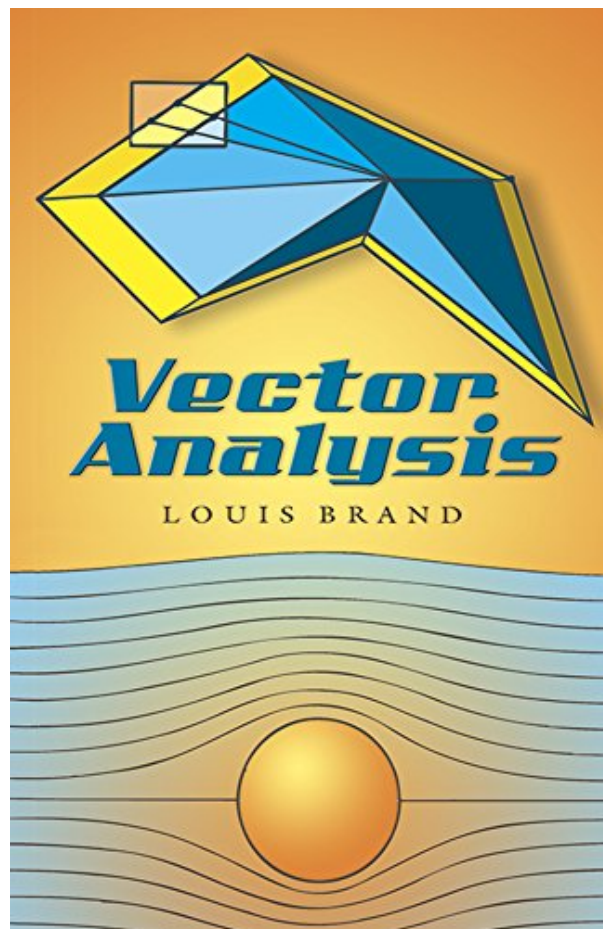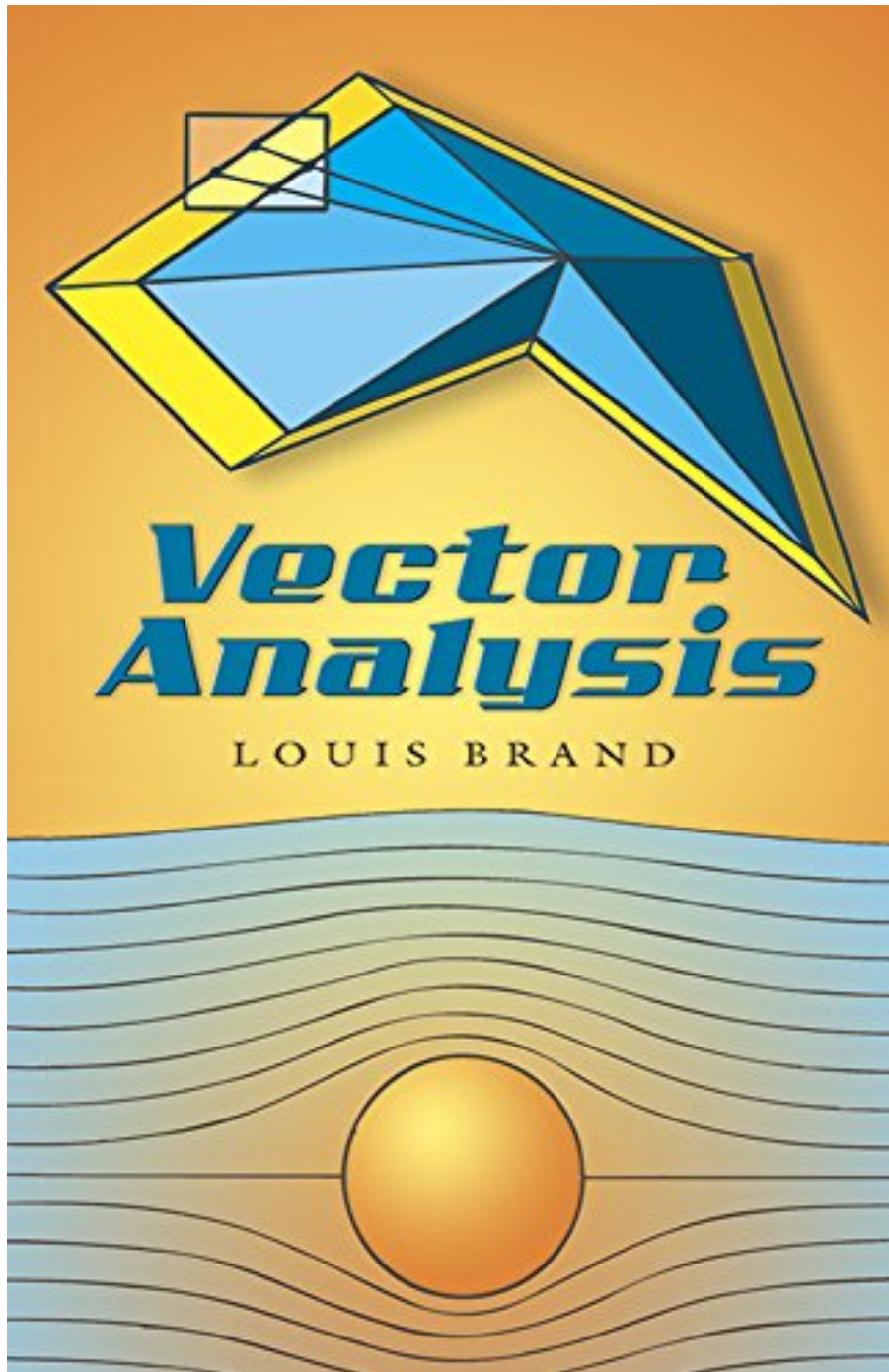

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Because the concept of a vector has been greatly generalized in geometry and mathematical physics, this text concludes with a brief introduction to abstract vector spaces, together with the ideas of linear dependence, basis, and dimension. The exposition of these abstract concepts is kept simple and clear. Numerous figures appear throughout the text.

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information through algebraic equations. Though VA happens to be optimized for motion in 3 dimensions (e.g. a point moving along a curve).

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