Series

Some Topics in Elementary STEM

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Tóm tắt nội dung

Bài viết này là 1 bài luận ngắn về STEM & cũng là phần Giới thiệu cho bộ sách cùng tên.

Mục lục

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2	Basic Concepts	1
	The Elements of Logic	

Preface

[FORWARD VS. PREFACE¹]: About the Title.

- Dream vs. Reality
- 2 Basic Concepts

Definition 2.1 (STEM).

- The Elements of Logic 3
- Counterexamples & its Role in Elementary Mathematics Phån Ví Du & Vai Trò Trong 3.1Toán Sơ Cấp

Definition 3.1. "A counterexample is any exception to a generalization. In logic a counterexample disproves the generalization, & does so rigorously in the fields of mathematics & philosophy." - Wikipedia/counterexample

"In mathematics, the term "counterexample" is also used (by a slight abuse) to refer to examples which illustrate the necessity of the full hypothesis of a theorem. This is most often done by considering a case where a part of the hypothesis is not satisfied & the conclusion of the theorem does not hold." - Wikipedia/counterexample

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¹**preface** /'prefəs/ [n]

²counterexample / kaunterigza:mpl/, / kaunterigzæmpl/ [n] counterexample (to something) an example that provides evidence against an idea or theory.