



Brad Henderson

A Math-Based Writing System for Engineers

Sentence Algebra & Document Algorithms

- Introduces a novel, highly audience-relevant approach to formal writing instruction
- Provides variable-entry-points for students and professionals needing to improve or complete their engineering writing skill set
- Illustrates the author's pedagogy with instructional-design blueprints to deliver solid, measurable results
- Broadens ESL engineers' and students' understanding of formal written English in context
- Includes learning outcomes and suggested activities

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This book presents the generative rules for formal written communication, in an engineering context, through the lens of mathematics. Aimed at engineering students headed for careers in industry and professionals needing a "just in time" writing resource, this pragmatic text covers all that engineers need to become successful workplace writers, and leaves out all pedagogical piffle they do not. Organized into three levels of skill-specific instruction, *A Math-Based Writing System for Engineers: Sentence Algebra & Document Algorithms* guides readers through the process of building accurate, precise sentences to structuring efficient, effective reports. The book's indexed design provides convenient access for both selective and comprehensive readers, and is ideal for university students; professionals seeking a thorough, "left-brained" treatment of English grammar and "go to" document structures; and ESL engineers at all levels.

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