

Routledge Studies in Multimodality

THE DISCOURSE OF PHYSICS

BUILDING KNOWLEDGE THROUGH LANGUAGE,
MATHEMATICS AND IMAGE

Y. J. Doran



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Building Knowledge through Language,
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Y. J. Doran, University of Sydney, Australia

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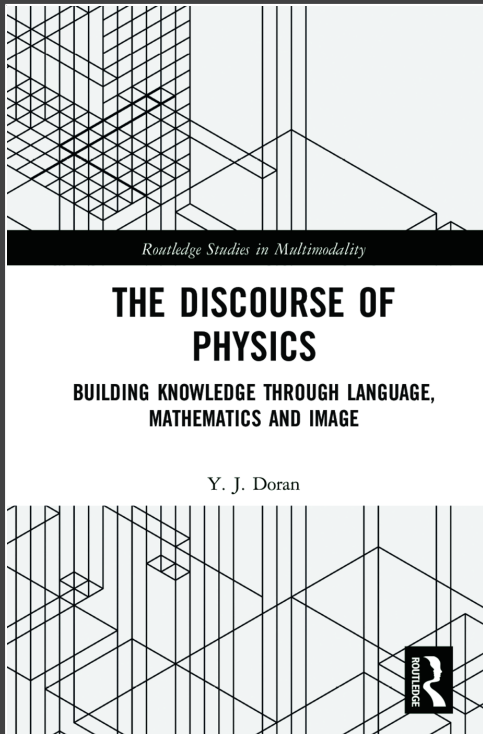
Building on a rich history of applying a Systemic Functional Linguistics approach to scientific discourse, the book uses an SFL framework, here extended to encompass the more recently developed Systemic Functional Multimodal Discourse Analysis approach, to explore the field's multimodal nature and offer detailed descriptions of three of its key semiotic resources – language, image, and mathematics. Through its detailed descriptions of the key semiotic resources and its analysis of the knowledge structure of physics, this book is an invaluable resource for graduate students and researchers in multimodality, discourse analysis, educational linguistics, and science education.

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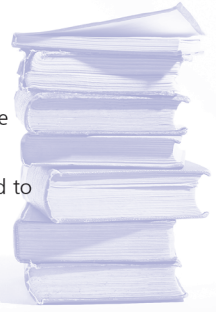


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