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Mathematical modelling in Australia.

Lee, Ngan Hoe (ed.) et al., Mathematical modelling. From theory to practice. Hackensack, NJ: World Scientific (ISBN 978-981-4546-91-1/hbk; 978-981-4546-93-5/ebook). Series on Mathematics Education 8, 73-82 (2015).

Summary: This chapter provides an overview of mathematical modelling in Australia with a particular focus on the state of Queensland. The draft Australian Curriculum: Mathematics is discussed in relation to applications and mathematical modelling. Reflections on what teachers and educators have learned about engaging Australian students in mathematical modelling are presented together with an example of a modelling activity used in a secondary mathematics lesson.

Classification: M10 D30 B70

Keywords: Australian curriculum; secondary schools; mathematical modelling process

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