

ZMATH 2015d.00941

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The Slumbarumba Jumbuck problem.

Spreadsheets Educ. 5, No. 1, 11 p., electronic only (2011).

Summary: The potential for simple linear relationships arising from a computer game to build student modelling and “word problem” skills is explored. The fundamental capability of the spreadsheet to tabulate and graph possible solutions is used to lay bare the problem structure for the students.

Classification: M90 H60 U70

Keywords: mathematical model building; computer games; linear algebra; spreadsheets; inequalities; simultaneous linear equations; degrees of freedom; spreadsheet modelling; word problems; computer as educational medium; averages; conditional formatting

<http://epublications.bond.edu.au/ejsie/vol5/iss1/2/>