

ZMATH 2009a.00451

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Using Fathom to solve the high dive problem.

Math. Teach. (Reston) 101, No. 7, 540-544 (2008).

Summary (NCTM e-resources): The authors use Fathom software to break the High Dive problem into its component parts to make solving it easier for students. The Surfing Note provides a Web site where other Fathom materials (lessons, data sets, activities, and projects) can be obtained.

Classification: M50 U70 I20 R30

Keywords: variables; graphical representations; physics; mechanics; iterative equations; quantities; mathematical applications; graph of a function; application software; mathematical software; computer as educational medium; problem solving; data analysis