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THE ART AND CRAFT OF PROBLEM SOLVING INSTRUCTORâ€™S MANUAL Second Edition Paul Zeitz University of San Francisco JOHN WILEY & SONS, INC.

THE ART AND CRAFT OF PROBLEM SOLVING INSTRUCTORâ€™S MANUAL

accept a problem definition from the person bringing the problem to your attention. The reason is simple enough, if they really knew what the problem was, then they wouldnâ€™t have a problem. Thatâ€™s not always true, but true often enough to help the itâ€™s self ordained problem solver avoid a lot of grief.

A small collection of thoughts on PS By Peter de Jager

Although the Art of Problem Solving is widely used by students preparing for mathematics competitions, the

book is not just a collection of tricks. The emphasis on learning and understanding methods rather than memorizing formulas enables students to solve large classes of problems beyond those presented in the book.

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The Art and Craft of Problem Solving is guided by several principles: \bullet Problem solving can be taught and can be learned. \bullet Success at solving problems is crucially dependent on psychological factors.

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AoPS Academy

We present our first Higher Problem-Solving Strategy. It is extremely useful in solving certain types of difficult problems, which are easily recognizable. We will teach it by solving problems which use this strategy. In fact, problem solving can be learned only by solving problems. But it must be supported by strategies provided by the trainer.

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