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**Learning problem-solving by solving problem.**

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Summary: Professor Shan Zun thinks that problem-solving is the heart of mathematics learning, problem-solving is the practicing knowledge, we must learn problem-solving by solving problems. To this end, Shan Zun points out that we must solve good mathematics problems, and be good at independently solving problems, and start with simple problems, and often summarize our experience of problem-solving.

*Classification:* D50

*Keywords:* student attitudes; problem-centred teaching; problem-solving strategies; learning; independent work; teaching methods