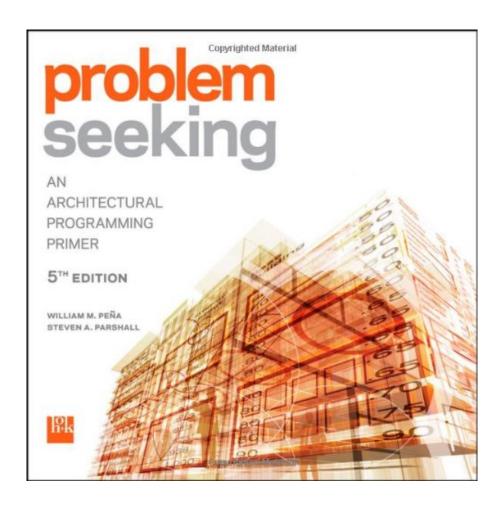


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William M. Peña, FAIA, a retired partner of Caudill Rowlett Scott, is often referred to as the "father" of architectural programming, having spent more than fifty years developing, refining, and explaining the programming process.

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One section I always refer software architects to is the "cost estimation" section. If you are creating a building, you have to come in very close to your estimated cost if you want to stay in business. Compare this to the estimation of how much a software project will cost because we do not have a good estimation process. I always liked the estimate that you can park 125 cars per acre when you are trying to estimate how big a parking garage should be. We need to develop similar guidelines/estimates for software projects.

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