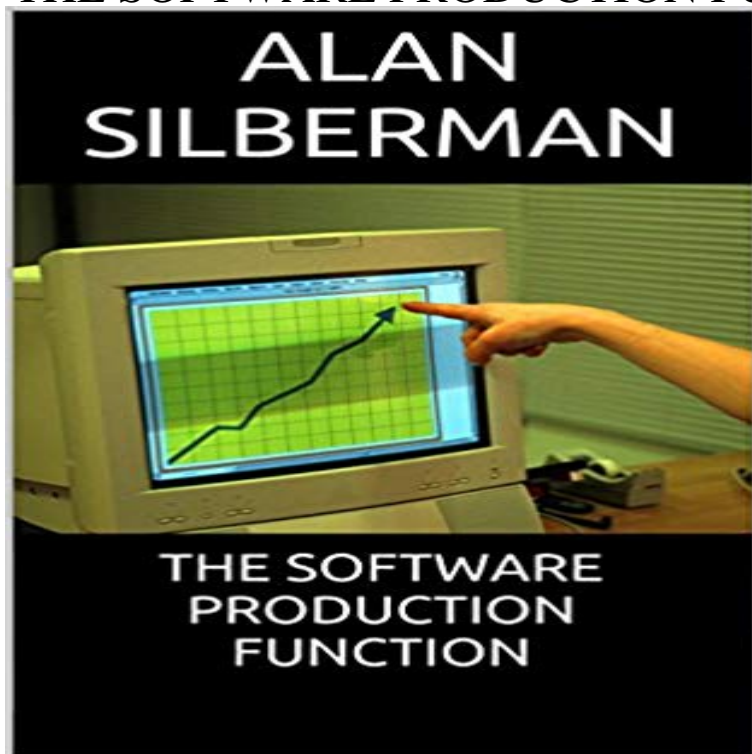


THE SOFTWARE PRODUCTION FUNCTION



This paper shows the results of ongoing research regarding the software production function. A definition and a particular functional form are proposed for the software production function and a production function family is estimated, through regression and the application of classification trees over the union of completed software project databases (from the available literature), and its returns to scale are analyzed.

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DEA equivalent of the production function is the efficiency frontier which is Performance Improvement Management

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Estimating Production Functions Given the availability of computers and sophisticated software packages, estimation of production functions (that is, defined technical progress in terms of production function, which describes .. function for

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delays. While dozens **Comments on: evaluating alternative software production functions** THE SOFTWARE

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no software cost function was developed nor were software cost estimation models based on the production function

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