## PARAMETER DETERMINATION IN MANUFACTURING PROGRESS CURVE WITH THREE POINTS OF DATA

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In this paper we discus a method to find the values of parameters in a manufacturing progress curve based on three points of data. In general to find better parameter estimation we need a lot of data. However, in some circumstances, the numbers of data are limited or even scarce, especially in the beginning of a manufacturing process. For this reason, we develop a simple method to determine the values of parameters if only three data are available. The curve we are dealing with is an inverse-like sigmoid that can describe a learning process in the beginning phase and has a lower bound in the long-term phase, hence a reasonably realistic curve.

Keywords: Manufacturing progress curve, curve fitting, sigmoid curve.