

## **DEVELOPMENT OF MANUFACTURING FEATURES WITH ADVANCED PARAMETRIZATION POSSIBILITIES**

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### **ABSTRACT**

Connectivity by knowledge is a core approach for integration of two sophisticated processes of Product and Process Modeling (PPM). This concept concerns with knowledge formalization and sharing between up and down stages of PPM. The key in this consideration is shape representation because different stages of PPM are associated with definition of product shape. As a result the shape formal representation can be considered as a limitation of decision making alternatives during PPM. This paper represents the advanced approach of shape formalization for manufacturing process, which can be implemented as a limitation on the conceptual designing stage to ensure manufacturability of design