

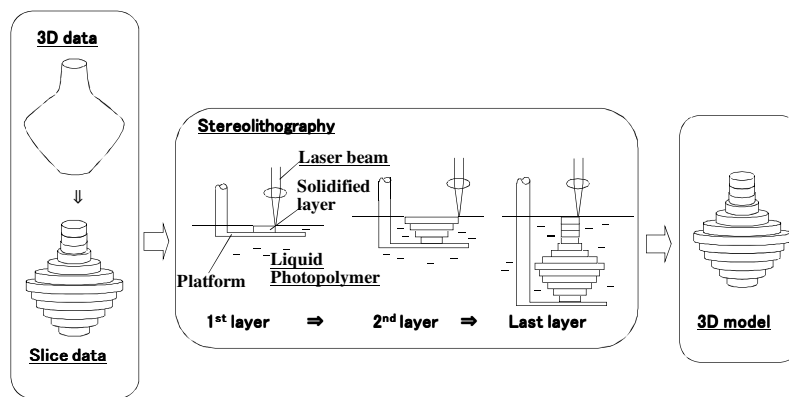
Tactile Klein Bottle by Layered Manufacturing Method

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Background

Fabrication by the layered manufacturing process such as laser stereolithography applies the 3-dimensional CAD data of the desired object and is able to produce trial production with complicated shapes in a short period of time. For such reasons, this method has been called “Rapid Prototyping” and is increasingly being applied as a new production and machining technology in the manufacturing industry.

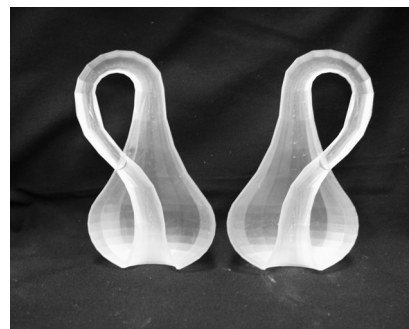
Principle of Stereolithography



Manufactured Klein bottle



Klein Bottle



Cutting model for visually handicapped person

- The visually handicapped person also understands the shape of the Klein bottle from touching the cutting model.
- We are trying to reproduce other various shape by the layered manufacturing method for the visually handicapped person.

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