

Project :

# Endless Chair

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Editor : Shin Obinata

Creator : Dirk Vander Kooij

Organization : Netherlands

Reference : <https://www.dirkvanderkooij.com/products/endless-chair-2010?variant=50942363285>

Description : One plastic string, made out of old refrigerators, crafted by a robot, into a chair. By combining different techniques, Dirk was able to design an automated but very flexible process. He taught a robot his new craft, drawing furniture out of one endlessly long plastic string. This opened the possibility for Dirk van der Kooij to design in the good old-fashioned way, making a chair, evaluating, refining, making a chair, evaluating, refining and making a chair. Or developing an infinitely large collection of variations. Endless.

Choice

一筆書きで造形できるように g-code を編集して作られた椅子。

Reason :

96% の素材が再生材を用いて作られているため環境に優しいところもポイント。独特なテクスチャが生み出す光の反射が美しい。



DfAM

DfAM ( Lab Original )

Topology optimization

Multiscale structure design

Multi-material design

Porous

Scaffolds

Strata

Design for mass customization

Parts consolidation

Lattice structures

Auxetics

Fragility

MicroTexture

Nest

Hair

Weaving

