

Design Exploration of the ISTy-kun Plush Toy Using the Plushie Design System

At the Igarashi Laboratory of the Graduate School of Information Science and Technology, the University of Tokyo (IST, UTokyo), research is underway on design support systems related to manufacturing and creative activity. One notable outcome of their research is Plushie¹, a system that enables even beginners to easily design original plush toys. With Plushie, users can sketch the rough outline of their desired plush toy on the screen, and the system automatically generates a corresponding 3D model along with the sewing pattern. Further details on this research can be found at: <https://www.is.ocha.ac.jp/~yuki/plushie/index-e.html>

The initial concept for ISTy-kun, the plush toy introduced here, was also developed using Plushie. By making ISTy-kun available for purchase at the UTokyo Communication Center, we hope to raise awareness of the research conducted at IST, UTokyo, and engage a broader audience.

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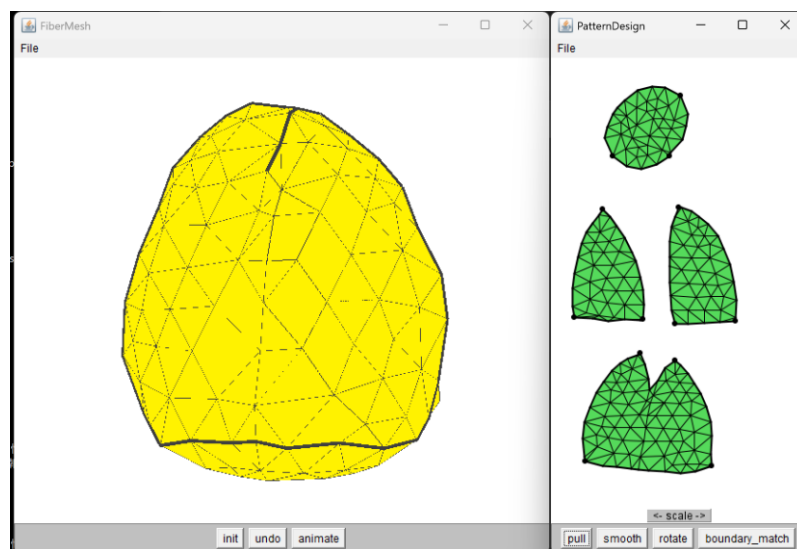


Fig. Design process of ISTy-kun using Plushie

¹ Yuki Mori, Takeo Igarashi. Plushie: An Interactive Design System for Plush Toys. ACM Transactions on Graphics (Proceedings of SIGGRAPH 2007), vol.23, No.3, Article No.45, San Diego, USA, August 2007