Making the MOOC Experience Tangible and Diversified

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Democratization of Content

Knitting Socks

**Category:** Crafts and Hobbies

**What am I going to get from this course?**

**Curriculum**

1. The tidiest knitted bobble: making 3 sts from 1
   - Duration: 02:16
2. Linen Knit Stitch
   - Duration: 02:39
3. Russian Knit Stitch (through back)
   - Duration: 02:23
4. Learn to Knit Socks part 2 - Heel Flap
   - Duration: 05:54
5. Learn to Knit Socks part 3 - Turning the Heel
   - Duration: 06:00
6. Learn to Knit Socks part 1 - Getting Started
   - Duration: 06:42
7. Learn to Knit Socks part 5 - Toe Shaping
   - Duration: 02:51
8. Learn to Knit Socks, part 6. Kitchener Stitch
   - Duration: 03:06

Knitting Socks with
Democratization of Experience
Hapkit is an open-hardware haptic device designed to be very low-cost and easy to assemble. Hapkit allows users to input motions and feel programmed forces in one degree of freedom. This enables interactive simulation of virtual environments that represent realistic physics (such as springs and dampers) and creative new touch sensations (like textures and buttons). The Hapkit can be assembled using household tools, costs less than $50 for all components, including the microcontroller board, and is easily set up and programmed by novices. In Fall 2013 we will pilot the Hapkit in a new online class on haptics; this is the ideal topic on which to launch a laboratory course within the current online learning revolution.

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Shareability and Democratization
Thank you!

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