Special Project

$\mathcal{W}eaving$

Prerequisite Concepts	Concept 12,
Key Concepts	Concept 13, 15, 16, 18
Bricklayer Version	1.2.3 or higher

When implemented in a 128×64 virtual space, the following fabric specification creates the LEGO® artifact shown in Figure 1.

$$
\begin{aligned}
ring1 &= (39) & \text{BLUE} & \quad (63,0) \\
ring2 &= (39) & \text{YELLOW} & \quad (63,64) \\
line1 &= (67, 0) \quad (67, 127) & \text{RED} \\
line2 &= (61, 0) \quad (61, 127) & \text{GREEN}
\end{aligned}
$$

$$
fabric = \quad (ring1_{r+1}; ring2_{r+1}; line1_{x+1}; line2_{x-1})_0^{13}
$$

Before building this artifact it is recommended that you complete all Vitruvia exercises for Concepts 13, 15, 16, and 18.
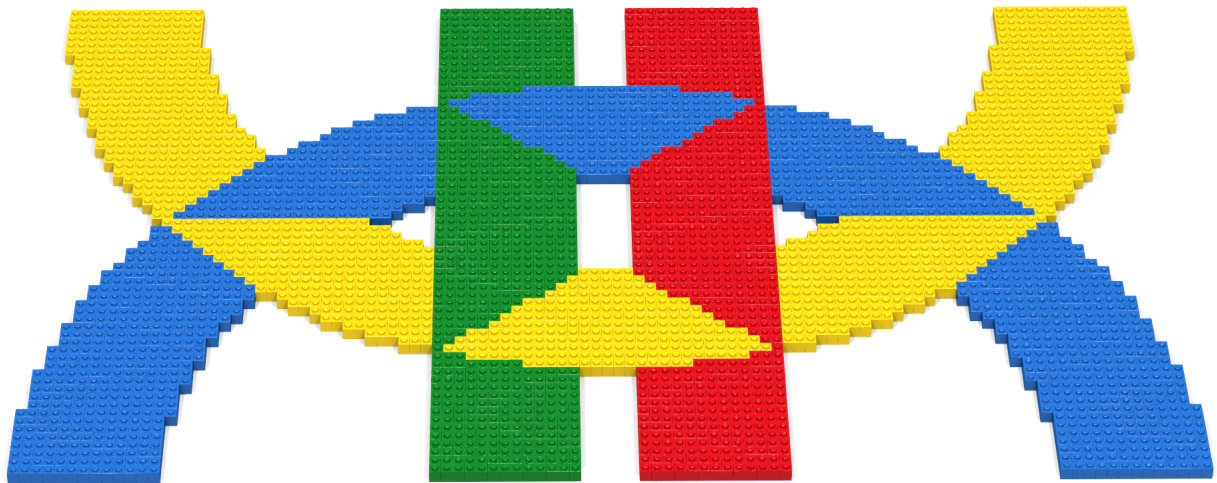

Figure 1: A $\mathcal{B}ricklayer$ fabric.