**Three-Dimensional Simulated Construction of Self-Supporting Vertical Structure with Mobile Robots Reacting to Structural Instabilities**

Luis Perez

luisperez@college.harvard.edu

SEAS/Wyss Institute

Harvard University

Cambridge, MA

Justin Werfel

justin.werfel@wyss.harvard.edu

SEAS/Wyss Institute

Harvard University

Cambridge, MA

Paul Kassabian

[PEKassabian@sgh.com](mailto:PEKassabian@sgh.com)

Harvard School of Design

Harvard University

Cambridge, MA