CORRECTION

Correction to: genetic algorithm-based inverse design of elastic gridshells

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Correction to: Struct Multidisc Optim
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The original version of Fig. 10 is a repetition of Fig. 13 by mistake. The correct Fig. 10 is shown on the next page.

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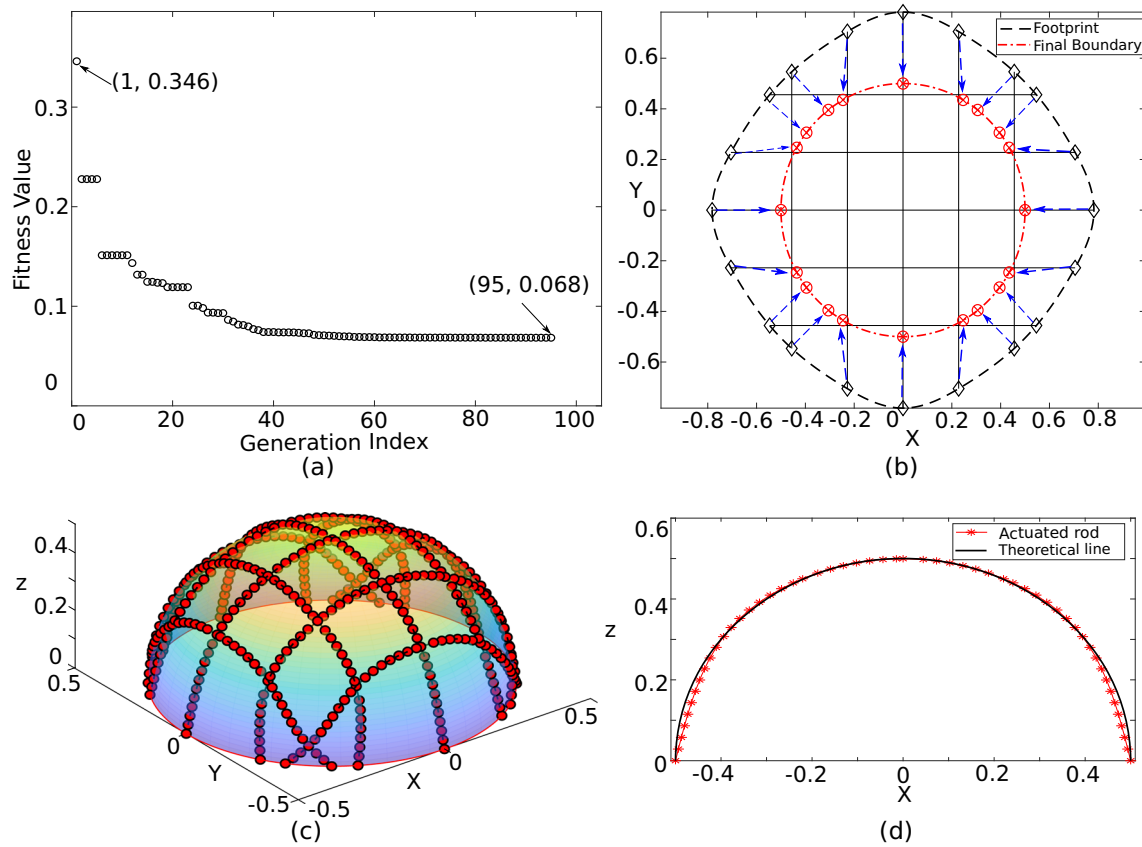khalidjm@seas.ucla.edu

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(a)

(b)

(c)

(d)

Fig. 10 Design of hemispherical gridshell based on GA. **a** Variation of fitness value with generation index. The marked points indicate the initial fitness value and the total generation number of evolvement process as well as the final fitness. **b** Original footprint and the final constraint boundary. Dashed line indicates the original footprint before deformation. Vertical and horizontal solid lines represent elastic rods with the diamond symbols denoting the two ends of each rod. The arrows indicate the imposed displacement on the extremities of the rods to transform the initially planar shape to the target shape. **c** Deformed 3D structure and the target hemisphere (semi transparent surface). Solid circles represent the nodes after deformation in the discrete gridshell model. Therein the red points are the discrete nodes in simulation. **d** Comparison of the buckled elastic rod in the plane $y = 0$ and the target circular shape