WATERBOMB



Traditional: Japanese origami base, used to create a 'ball' or 'waterbomb'. The tesselation was discovered by numeric analysis by Tanizawa and Miura [1] and described as natural folding by Biruta Kresling [2].

References:

1. Tanizawa, K., K. Miura (1978). Large displacement configurations of bi-axially compressed infinite plate, Trans. Jap. Soc. Aer. Space Sci. 20, 177-187. 2. Kresling, B. (2012). Origami-structures in nature: Lessons in designing "smart" materials. MRS Proceedings, 1420, mrsf11-1420.34(9), 141-163.



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