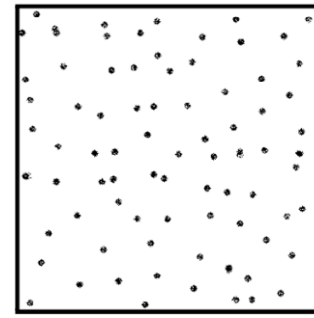
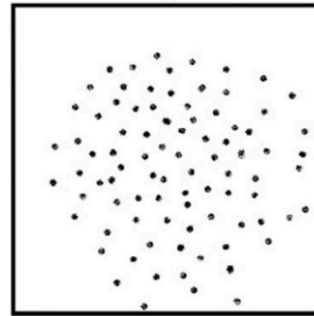


Fig. 1 Schematic of the different material distributions, (a) AFG, (b) FG and (c) 2D-FG



(a)



(b)

Fig. 2 Cross section area of FG porous beam. A: even distribution of porosities (FGM-I). B: uneven distribution of porosities (FGM-II)

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The middle and right-most images above are from: Mirjavadi, S.S., Afshari, B.M., Shafiei, N., Hamouda, A. and Kazemi, M. (2017), "Thermal vibration of two-dimensional functionally graded (2D-FG) porous Timoshenko nanobeams", *Steel Compos. Struct.*, 25(4), 415-426.

See:

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<https://scholar.google.com/citations?user=Jsl0SZ8AAAAJ&hl=en>

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