

Figure 1. Functionally graded (FG) nanoporous metal foam nanoplating and three types of porosity distribution, namely (1) uniform distribution (UD), (2) non-uniform distribution 1 (NUD1) (symmetric), and (3) non-uniform distribution 2 (NUD2) with (a) coating on substrate, (b) nanoplating model, (c) cross section.

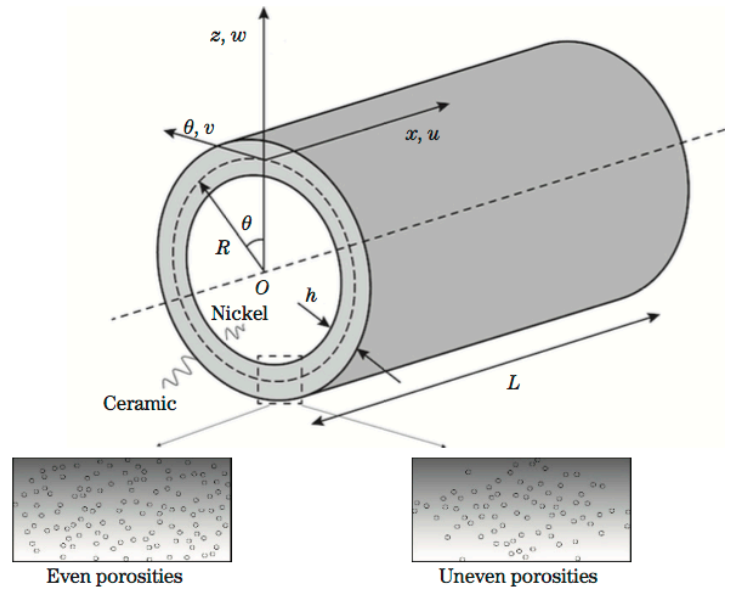


Fig. 1 An FGM cylindrical shell with porosities

The left-hand image above is from: Yanqing Wang and Zhiyuan Zhang, “Non-local buckling analysis of functionally graded nanoporous metal foam nanoplating”, *Coatings*, Vol. 8, No. 11, 389, 2018

The right-hand image above is from: Wang, Y.; Ye, C.; Zu, J. Identifying the temperature effect on the vibrations of functionally graded cylindrical shells with porosities. *Appl. Math. Mech.* 2018, 39, 1587–1604.

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Selected Publications:

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