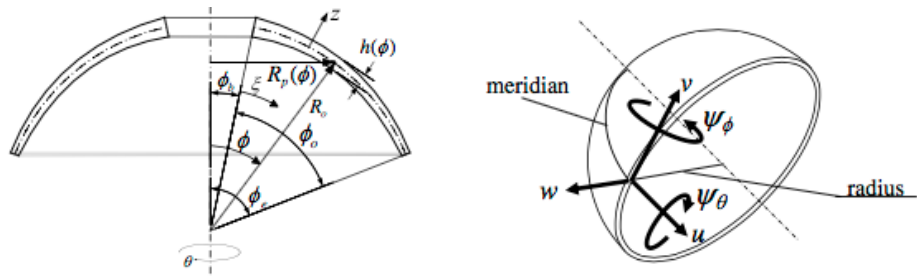




**Professor Elia Efraim**



**Figure 1.** Left: geometry and coordinates of a spherical shell segment. Right: displacement field according to the thick shell theory.

From: Efraim E., Eisenberger M.; Dynamic Stiffness Vibration Analysis of Thick Spherical Shell Segments with Variable Thickness, Journal of Mechanics of Materials and Structures, 5, 5, 821-835, (2010)

See:

[http://www.ariel.ac.il/projects/trp/GeneralInformation.asp?numRec=101&id\\_lang=1](http://www.ariel.ac.il/projects/trp/GeneralInformation.asp?numRec=101&id_lang=1)

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

[https://www.researchgate.net/profile/Elia\\_Efraim](https://www.researchgate.net/profile/Elia_Efraim)

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Blostotsky B., Efraim E., Ribakov Y.; Improving the reliability of measuring critical buckling load in sway mode frames , Experimental Mechanics, 56,2,311-321, (2015)
Efraim E., Blostotsky B.; Enhanced learning of buckling effect in columns by laboratory test in civil engineering courses, Proceedings of EDULEARN-13 International Conference, Barcelona, Spain, 4141-4146, (2013)
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