CORRECTION

Correction to: Asymptotic analysis of linearly elastic shells in normal compliance contact: convergence for the elliptic membrane case

Á. Rodríguez-Arós and M. T. Cao-Rial

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This correction concerns the statement after hypothesis (25), page 12 of 22. There, it is said that the particular example of normal compliance function (4), defined in page 4 of 22, verifies hypothesis (25), which is obviously not true.

Actually, hypothesis (25) is not necessary for the results of the paper to be mathematically correct, as we show now. This fact guarantees that the example (4) is still within the scope of the paper, which is important for the applications.

Hypothesis (25) is only used in Step (iii), page 15 of 22, in the proof of Theorem 5.3, to find that the sequence $\{u_3(\varepsilon)\}_{\varepsilon>0}$ is bounded in $L^2(\Gamma_C)$. But this boundedness is a straightforward consequence of Step (i) and the continuity of the trace in Theorem 3.5.

Therefore, hypothesis (25) can be removed, the results are still mathematically correct and example (4) can indeed be considered within the scope of the paper.

Á. Rodríguez-Arós and M. T. Cao-Rial
Departamento de Matemáticas, E.T.S. Náutica e Máquinas
Universidade da Coruña
Paseo de Ronda, 51
15011 A Coruña
Spain
e-mail: teresa.cao@udc.es

Á. Rodríguez-Arós
e-mail: angel.aros@udc.es