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| --- | --- |
|  |  |
| (a) | (b) |

Figure 1: Soft-EHL problem: (a) mesh in undeformed configuration, (b) σzz component of the Cauchy stress tensor in the deformed configuration.

*Set-up: Font is* ***Times New Roman****.* Use A4 paper with top and bottom margins of 2.54 cm (1 inch) and left and right margins of 3.17 cm (1.25 inches). Do not include page numbers nor page header/footer. Footnotes are not allowed.

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*References*

[1] P. Wriggers. *Computational Contact Mechanics*, 2nd ed., Springer, 2006.

[2] G. Zavarise, P. Wriggers, Contact with friction between beams in 3-D Space, *Int. J. Num. Meth. Engng.*, 49:977-1006, 2000.

[3] T. Laursen and J.C. Simo, A continuum-based finite element formulation for the implicit solution of multibody, large deformation frictional contact problems, *Int. J. Num. Meth. Engng.*, 36:3451–3485, 1993.