EPFL

SEMESTER PROJECT

Internodes garbage

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1 Introduction

[1]

2 EXPERIMENTS

3 DISCUSSION

Flaws when same nodes that were dumped are added back in (no convergence)
Usually interpenetrating nodes won't be considered part of interface in next iteration

REFERENCES

[1] Simone Deparis, Davide Forti, and Alfio Quarteroni. A rescaled localized radial basis function interpolation on non-cartesian and nonconforming grids. *SIAM Journal on Scientific Computing*, 36(6):A2745–A2762, 2014. doi: 10.1137/130947179.

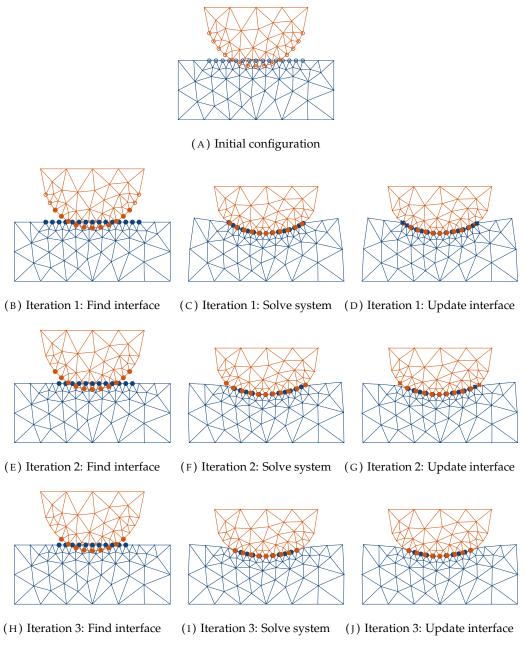
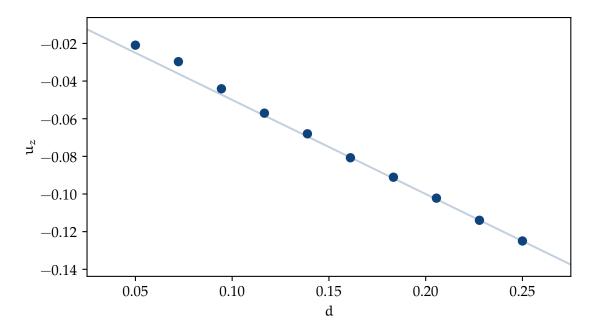


FIGURE 1.1 – First iteration



 $FIGURE\ 2.1-Normal\ displacements$

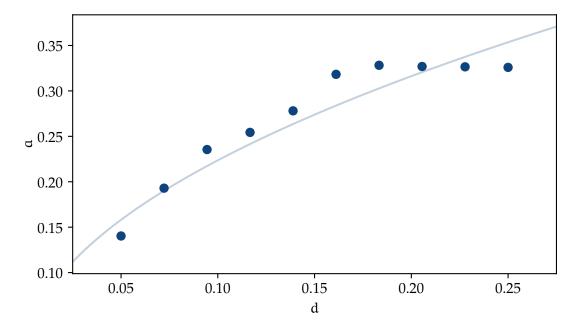


FIGURE 2.2 – Contact radius