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- [30] T.J.R. Hughes, and A.N. Brooks, A theoretical framework for Petrov-Galerkin methods with discontinuous weighting function, in R.H. Gallagher et al., editors, *Finite Elements in fluids*, Vol. 4, pp. 47-65, John Wiley & Sons, Chichester, 1982.
- [31] T.J.R. Hughes, L.P. Franca and M. Balestra, A new finite element method for computational fluid dynamics: V. Circumventing the

Babuska-Brezzi condition: A stable Petrov-Galerkin formulation of the Stokes problem accommodating equal order interpolations, *Computer Methods in Applied Mechanics and Engineering*, Vol. 59, 1986, pp. 85-99.

- [32] T.J.R. Hughes, L.P. Franca, and G.M. Hulbert, A new finite element method for computational fluid dynamics: VIII The Galerkin/Least Squares method for advective diffusive equations, *Computer Methods in Applied Mechanics and Engineering*, Vol. 73, 1989, pp. 173-189.