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An hybrid a priori/a posteriori method for assessing LES models
DANIELE CARATI, BENJAMIN CASSART, BOGDAN TEACA, Universite Libre de Bruxelles — An hybrid approach combining the advantages of a priori and a posteriori methods is proposed for assessing the efficiency of LES models. The LES and the DNS are run simultaneously and an artificial forcing is used to maintain the LES field as close as possible to the filtered DNS field. Various diagnostics on this forcing are used to assess the quality of the LES model.

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