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DEVELOPMENT, VERIFICATION AND USE OF GUST MODELING IN THE NASA COMPUTATIONAL FLUID DYNAMICS CODE FUN3D



Development, Verification and Use of
Gust Modeling in the NASA
Computational Fluid Dynamics Code
FUN3D

NASA Technical Reports Server
(NTRS), Robert E. Bartels

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This paper presents the implementation of gust modeling capability in the CFD code FUN3D. The gust capability is verified by computing the response of an airfoil to a sharp edged gust. This result is compared with the theoretical result. The present simulations will be compared with other CFD gust simulations. This paper also serves as a users manual...

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- Authored by Robert E Bartels
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