Outline Accelerating flight: Edge with arbitrary acceleration Context Background • Computational I. Gledhill TheoreticalNavier-Stokes in relative and absolute frames Euranus illustrations Oscillating airfoil Aeronautical Systems Competency Area, Defence, Peace, Safety and Security Operational Unit, CSIR Drag through transonic range Straked body Edge illustrations Straked body Diamond airfoil Conclusions Acknowledgements: • Further work P Eliasson, K Forsberg, J Nordström J Baloyi, H van Niekerk ©CSIR 2009 www.csir.co.za





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