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The use of CFD in the civil engineering community is still a rare event. The reasons for that will be discussed and it will be pointed out why that will change now. 1 INTRODUCTION 1.1 Fluid dynamics and their applications CFD is the acronym for „Computational Fluid Dynamics“. Fluids in civil engineering are mostly

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Use of Computational Fluid Dynamics in Civil Engineering

Ansys Tutorial Example Civil Engineering Using ANSYS for Civil Engineering Purposes By: Shaurya Gupta ; BE/10630/15 Department of Civil & Environmental Engineering Project Guide: Prof. James Thomson (Ph.D) Carnegie Mellon University, Pittsburgh, PA. ANSYS, Inc. is an American public company based in Canonsburg, Pennsylvania. It

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