

@Students: Computational Fluid Dynamics (CFD) 1

Monday 5 December 2022 16:00 (40 minutes)

This session has the lectures loaded as pre-recorded videos. I will be available online during the session if you have any questions.

Other Useful Resources:

K. Versteeg and W. Malalasekera, *An Introduction to Computational Fluid Dynamics : The Finite Volume Method*. Pearson, 2nd ed., 2007. <https://www.pearson.com/en-us/subject-catalog/p/introduction-to-computational-fluid-dynamics-an-the-finite-volume-method/P200000005670?view=educator>

Patankar, S. (1980). *Numerical Heat Transfer and Fluid Flow* (1st ed.). CRC Press. <https://doi.org/10.1201/9781482234213>

M. C. Sukop and J. D. T. Thorne, *Lattice Boltzmann Modelling: An Introduction for Geoscientists and Engineers*, 2nd ed. Miami, FL: Springer-Verlag, 2006. <https://link.springer.com/book/10.1007/978-3-540-27982-2>

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