

6a An Introduction to Multiscale Analysis

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A brief introduction and classification to multiscale analysis, following [1,2], will be provided.

[1] S. Raimondeau and D. G. Vlachos, "Recent developments on multiscale, hierarchical modeling of chemical reactors", Chem. Eng. J. 90(1-2), 3-23 (2002).

[2] D. G. Vlachos, "A review of multiscale analysis: Examples from systems biology, materials engineering, and other fluid-surface interacting systems", Adv. Chem. Eng. accepted, invited (2005)