

### A.3 Books

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**Authors:** De Las Heras, S.A.; Carbó-Bech, A.; Moreno, H.; Valle, L. J.; Poeata, I.; López, J.; Torres, R.; Barraco, M.; Fernandez, E.; Escaler, X.; Hutter, J.; Egusquiza, E.; Farhat, M.; Avellan, F.; Esque-de los Ojos, D.; Dalmau-Andreu, R.; Principe, J.; Roe, N.; Codina, R.; Badia, S.; M. Garcia-Vilchez; Gamez-Montero, P.J.; Codina, E.; Watton, J.

**Research groups :** SIC - Sistemes Intel·ligents de Control; GRICCA - Grup Interdepartamental per a la Col.laboració Científica Aplicada; FLUIDS - Enginyeria de Fluids; (MC)2 - Grup de Mecànica Computacional en Medis Continus

**Title:** Actes dels seminaris de recerca 1r, 2n i 3r, del Departament de Mecànica de Fluids - UPC

**Publisher:** Iniciativa Digital Politècnica

**ISBN:** 978-84-694-7921-6

**Legal deposit no.:** B.37612-2011

**Year:** 2011

**Link to book:** <http://upcommons.upc.edu/e-prints/urlFiles?idDrac=8945530>

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**Authors:** Badia, S.; Codina, R.

**Research groups :** (MC)2 - Grup de Mecànica Computacional en Medis Continus

**Title:** Stabilized pressure segregation methods and their application to fluid-structure interaction problems

**Publisher:** Centre Internacional de Mètodes Numèrics en Enginyeria (CIMNE)

**ISBN:** 84-95999-93-5

**Legal deposit no.:**

**Year:** 2006

**Link to book:** [http://www.cimne.com/tiendacimne/ver\\_libro.asp?id\\_prod=1283](http://www.cimne.com/tiendacimne/ver_libro.asp?id_prod=1283)

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### A.4 Book chapters

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**Author/s of the chapter:** Codina, R.; Principe, J.; Badia, S.

**Research groups :** (MC)2 - Grup de Mecànica Computacional en Medis Continus

**Title of the chapter:** Dissipative structure and long term behavior of a finite element approximation of incompressible flows with numerical subgrid scale modeling

**Author/s of the book:**

**Title of the book:** Multiscale methods in computational mechanics : progress and accomplishments

**Publisher:** Springer

**ISBN:** 978-90-481-9809-2

**Legal deposit no.:**

**Year:** 2011

**Pages (first-last):** 75-93

**Link to book chapter:** <http://www.springer.com/mathematics/computational+science+%26+engineering/book/978-90-481-9808-5>

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**Author/s of the chapter:** Bochev, P.; Lehoucq, R.; Parks, M.; Badia, S.; Gunzburger, M.

**Research groups :** (MC)2 - Grup de Mecànica Computacional en Medis Continus

**Title of the chapter:** Blending methods for coupling atomistic and continuum models

**Author/s of the book:**

**Title of the book:** Multiscale methods: bridging the scales in science and engineering

**Publisher:** Oxford University Press

**ISBN:** 9780199233854

**Legal deposit no.:**

**Year:** 2009

**Pages (first-last):** 165-186

**Link to book chapter:** <http://oxfordindex.oup.com/view/10.1093/acprof:oso/9780199233854.003.0006>

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