

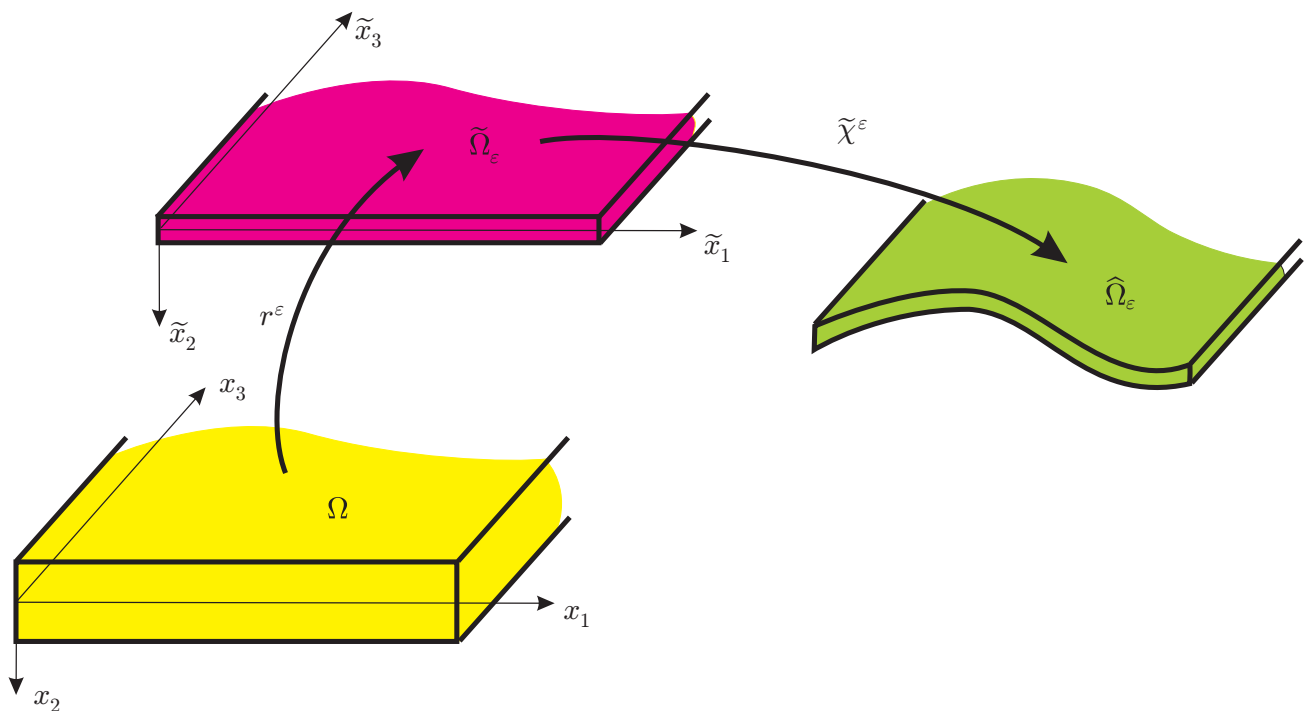
UNIVERSITÀ CATTOLICA DEL S. CUORE
Dipartimento di Matematica e Fisica “Niccolò Tartaglia”



12 hours with Mathematical Physics

THIN ELASTIC STRUCTURES

New and Old Models via Variational Convergence



Series of lectures

Roberto PARONI - Università di Sassari

3-4-5/02/2014

Via dei Musei, 41 – 25121 BRESCIA (Italy)

Information: a.marzocchi@dmf.unicatt.it, a.musesti@dmf.unicatt.it

Web page: www.dmf.unicatt.it/thinstructures

INFORMATION

The aim of the Course is to bring together people with different scientific backgrounds to learn and discuss an advanced subject in Mathematical Physics. The Course consists of 12 lectures of approximately 1 hour each; the style of the meetings is very informal.

Topics

- Variational convergence and its applications to dimension reduction problems
- Plate and beam theories for linearly elastic bodies via Γ -convergence
- Composite beam theory through functional analysis methods
- Non-linear theories for thin-walled beams

Program

The lectures are organized as follows (tentative):

- Monday February 3, 2014:
3pm–6pm (with floating ☕ break)
- Tuesday February 4, 2014:
9.30am–12.30pm (with floating ☕ break)
Lunch
3.30pm–6.30pm (with floating ☕ break)
Social Dinner
- Wednesday February 5, 2014:
9am–12.00 (with floating ☕ break)

Application

Those who are interested are kindly requested to write an e-mail to

`alfredo.marzocchi@unicatt.it` and/or `alessandro.musesti@unicatt.it`,
in order to help us find an appropriate lecture room. No participation fee is required.

Accommodation

Participants should make their own arrangements for accommodation. We suggest

Centro Pastorale “Paolo VI”

Via Gezio Calini, 30 - 25121 BRESCIA

Tel. +39 030 3773511

<http://www.centropastoralepaolovi.it>

Arrival

- to get to the Department: from the railway station, underground line direction “Prealpino”, get off at “Vittoria” (see plan below) and walk approximately 5 min (tickets available in the underground station or at the tobacconist’s in front of the railway station).
- to get to Centro Paolo VI: walk following the plan below (approximately 15 min.)

For information about bus lines, see also

<http://www.bresciamobilita.it/category/percorso-utenti/autobus/>

