

Welcome in the Netherlands and in Delft



Welcome to ANM!

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... and team of seven TAs

What is ANM?

- numerical methods
- toolbox for various chemical engineering applications
- hands-on practice using MATLAB

What is ANM not?

- mathematical foundations
- advanced applications
- advanced programming techniques

Teaching Goals

- give overview of existing numerical techniques
- explain internals of various techniques
- apply numerical methods to chemical engineering applications

How is ANM organized and accessed?

- Matlab Introduction: no assesment
- Part 1 of 2: Luis Portela
 - three home works
 - written exam
- Part 2 of 2: Domenico Lahaye
 - three home works
 - written exam

What is ANM basic phylosophy?

- Matlab Introduction as aid in homework
- Homework as aid in written exams
- Exams as aid in future career ...

Basic Dutch: jongen (left) and meisje (right)



Matlab introduction

- no assessment, no marking, no control
- stimulate growth irrespective of prior expertise
- form teams (blue, white and red)
- promote collaboration and guidance by TAs

Matlab introduction

- http://nl.mathworks.com/help/matlab/getting-started-with-matlab.html?s_cid=learn_doc
- Introduction from University of Dundee available from Domenico's website
- advanced only: solve heat transfer and diffusion problems using PDE Toolbox