

## Algorithms for Model Checking (2IW55)

### Domestic Announcements

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HG 6.81

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### Course organisation:

- Lectures are organised in three blocks:
  - 25 August - 26 September 2008 (block A)
  - 6 October - 7 November 2008 (block B)
  - 17 November - 19 December 2008 (block C)
- Exam dates:
  - Wednesday, 7 January, 2009, 2pm - 5pm
  - Friday, 13 March, 2009, 2pm - 5pm

Up-to-date course information, and handouts are made available through:  
<http://www.win.tue.nl/~timw/teaching/amc/>

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Course roughly organised in three blocks; each block has a particular focus:

- Block A: CTL\* model checking, and its subfamilies LTL and CTL
- Block B: equivalences, abstraction, and  $\mu$ -calculus model checking
- Block C: real-time model checking and symbolic model checking techniques.

Additional reading:

- Handouts (provided to you on occasion)
- Book: Model Checking. Edmund M. Clarke, Jr., Orna Grumberg, and Doron A. Peled. MIT Press, ISBN 0-262-03270-8
- Book: Principles of Model Checking. Christel Baier and Joost-Pieter Katoen. MIT Press, ISBN 978-0-262-02649-9