Victoria University of Wellington

*Te Whare Wānanga o te Ūpoko o te Ika a Maui*



## MATH 321/322/323/466/467
## — Applied Mathematics —
## T1 & T2 2016

Matt Visser

Monday 29 February 2016

# **Administrivia**

- There are up to nine possible modules to take.
- Each course (MATH 321/322/323/466/467) requires two modules.
- Enrol only in the semester in which you will complete both modules.
- (You can take one or more modules without enrolling and "bank" them for future use; just make sure that I know what you are doing...)
- IMPORTANT: See course the website
  http://msor.victoria.ac.nz/Courses/MATH321_2016T1/
  http://msor.victoria.ac.nz/Courses/MATH321_2016T2/
  as appropriate, for announcements, details on the individual modules, etcetera...

# Administrivia:

MODULES:

1. Cartesian tensors, Martha Savage, T1 only...
2. Fluids and Tsunamis, Dimitrios Mitsotakis, T1 & T2 ...
3. Inverse theory, John Townend, T2 only...
4. Meteorology, James McGregor, T1 & T2...
5. Meteorology project, James McGregor, (special arrangement only)...
6. Fractals, Mark, McGuinness, T1 & T2...
7. Special relativity, Matt Visser, T1 & T2...
8. Quantum physics, Matt Visser, T1 & T2...
9. Lagrangian and Hamiltonian mechanics, T1 & T2...

# Administrivia:

- Honours students (MATH 466/467) do 25% extra work...
- This is typically an extra assignment, or something similar....
- For Special relativity, the honours module is completely distinct from the 300-level module...

- Decide which modules you want to do in the first week or so..
- Or withdraw by the end of week 2...
- Do not leave everything till the last few weeks of class...
- Do the assignments early...
- No formal exam, but there may be in-term tests...
- Absolute deadline on anything to be handed in: Last day of classes...
- Individual modules will typically have more specific and earlier deadlines...