Lecturer

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Time and Venue

- Lecture: T10, ICS L1; H7-8 LHC 103
- Tutorial: T6, LSB C2; H6, LSB LT3

Textbooks

- Thomas' Calculus, by Thomas, Weir, and Hass, of Pearson

Course Description

Functions of several variables, partial differentiation, differential and its geometric meaning, chain rule, maxima and minima, Lagrange multiplier, mean value theorem, Taylor series, and implicit function theorem.

Homework

Homework will be given biweekly. Late homework will not be accepted. The first one will be posted on Tue, Sept 15 and due on Fri, Sept 25 at noon.

To submit your homework, please go to 2/F of Lady Shaw Building. Slip your homework into the assignment box for MATH2010B opposite to LSB 223.

Your marked work will be placed in the open area on the top of the assignment box for MATH2010B.

Assessment Scheme

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>10%</td>
</tr>
<tr>
<td>Quizzes (Sept 24, Oct 15, Nov 12)</td>
<td>15%</td>
</tr>
<tr>
<td>Midterm Exam (Oct 27)</td>
<td>25%</td>
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<tr>
<td>Final Exam</td>
<td>50%</td>
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</tbody>
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Course webpage

Please visit the course webpage (http://www.math.cuhk.edu.hk/course/1516/math2010b) regularly for homework, notes and important announcement.