

Here is a summary of the most crucial information of this class.

- **URL:** <http://homepage.ntu.edu.tw/~cjtsai/teaching/14dt.html>
or <https://ceiba.ntu.edu.tw/1022dt>
- **Classes:** Monday, 10:20~11:10 and Thursday 15:30~17:20 at Astro-Math 102
(星期一第 3 節和星期四第 7、8 節)
- **TF:** 蔡忠潤 Chung-Jun Tsai, Astro-Math 458, cjtsai@ntu.edu.tw
- **Office hours:** Friday 16:00~17:00 or by appointment
- **References:**
 1. V. Guillemin and A. Pollack, *Differential topology*, AMS Chelsea Publishing, Providence, RI, 2010.
 2. M. W. Hirsch, *Differential topology*, Graduate Texts in Mathematics, 33, Springer, New York, 1994.
 3. J. W. Milnor, *Topology from the differentiable viewpoint*, Princeton Landmarks in Mathematics, Princeton Univ. Press, Princeton, NJ, 1997.
 4. J. W. Milnor, *Differential topology: the 1958 Princeton lecture notes by J. Munkres*, in *Collected papers of John Milnor. III*, Amer. Math. Soc., Providence, RI, 2007.
 5. J. W. Milnor, *Morse theory*, Based on lecture notes by M. Spivak and R. Wells. Annals of Mathematics Studies, No. 51, Princeton Univ. Press, Princeton, NJ, 1963.
 6. R. Bott and L. W. Tu, *Differential forms in algebraic topology*, Graduate Texts in Mathematics, 82, Springer, New York, 1982.
- **Grades:** Homework=30%, Midterm=30%, Final=30%, Course Participation=10%.
- **Homework:** Homework will be assigned weekly/biweekly. The deadline will be specified for each homework set. Usually it will be due on the beginning of the Monday class or Thursday class. Late homework is accepted only with my approval. Email me to ask.
每周或每两周（視上課內容而定）會有一份習題。如果有特殊原因你無法按時繳交習題，必須先得到我的許可。否則逾期繳交的習題一概不受理。
- **Midterm:** Potentially, it will be held during the class of April 24th.
期中考預計是在四月 24 日的課堂上舉行，視情況可能提前或延後一周。
- **Final:** The format of the final will be announced later. It will either be an oral presentation on some topic, or a take-home written exam.
期末考的形式尚未決定。可能會是口頭報告的方式，或者是帶回家做的期末考卷。