

Hi, Folks !
Welcome to

Structural Analysis II

(The last class at SNU, 1993~2022)

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Seoul National University

Spring Semester, 2022

Who's who ?

- Instructor : 이 해 성
- Office : 35-408
- Tel : 880-8388
- e-mail : chslee@snu.ac.kr
- Homepage : <http://strana.snu.ac.kr>
- TA : 김정곤 (35-203/8314)
- 수업 시간 : 월 4:00 - 5:40^{PM}
수 4:00 - 4:50^{PM}
COVID-19이 안정되면 대면 수업으로 전환

Text & Other Tools

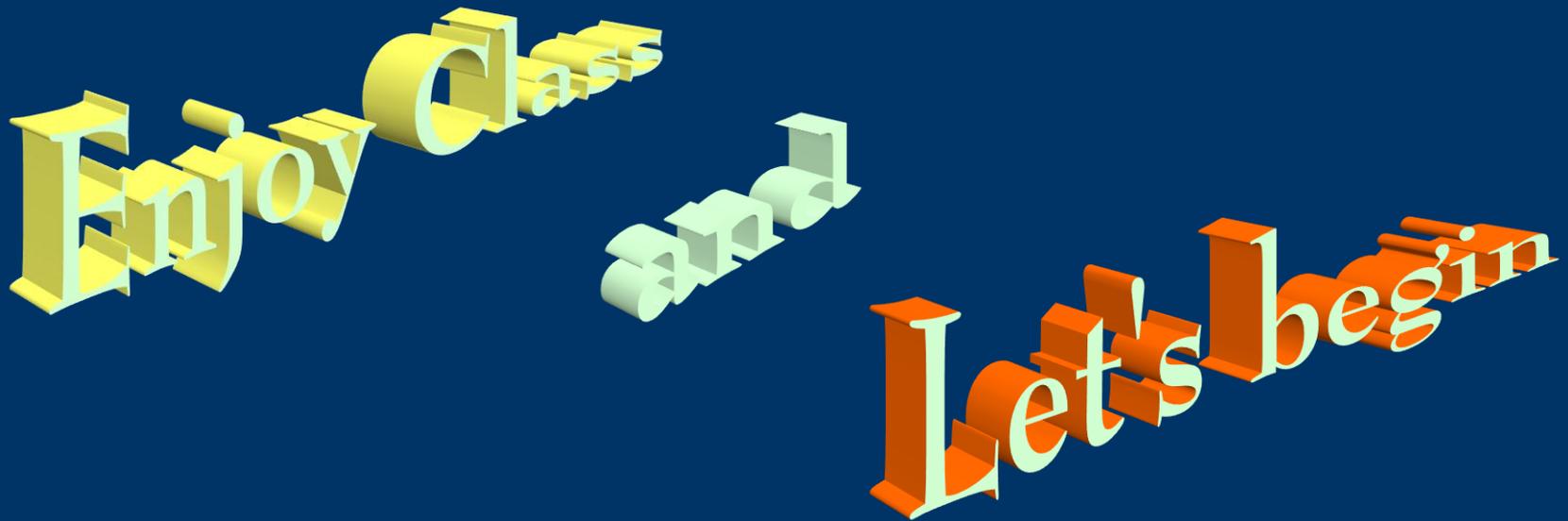
- Text: Class note by Instructor
- References
 - Structural Analysis - Classical and Matrix Approach by Jack C. McCormac and R. E. Elling
 - Elementary Structural Analysis 4th Ed. by C. H. Norris
 - Statically Indeterminate Structures by Chu-Kia Wang
- SNUSEA

Class Contents

- Brief Review of Flexibility Method (1)
- Slope-Deflection Method (Stiffness Method) (2-5)
- Moment-Distribution Method (6-7)
- Buckling of Structures (8-9)
- Energy Method (10-11)
- Matrix Method for Structural Analysis – Direct Stiffness Method (12-15)

Evaluation

- Mid Term Exam (April 11, 100 minute) : 25 %
- Final Exam (June 13, 3-hour exam) : 40 %
- Home work and attendance : 20/15 %



- ✓ The final grade of F will be given if any cheating is found in exams or home works.
- ✓ Final grades are final. Absolutely no chance to alter them by any excuse.