**RECORDINGS LINKS FOR SMT-125: Computational Mathematics**

Recording Document to be kept in the course with the link to the recording:

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| Sr. No. | Subject Code | Topic Name | One-Drive Link |
| 1. | **SMT-125** | **SMT-125**\_ Introduction to set theory | <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EZHLtHMJYm5Jj4TY6UgLYwABBWdQJbTEyAFng-Fi_saXAw?e=0xrSg1>  <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EZlcN6_LV0NJqAEse01mFjwBGO1heFdiFD46-Ch007XftA?e=oVvlcG> |
| 2. | **SMT-125** | **SMT-125**\_ Set operations, Algebra of sets | <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EbRGAayl2ytPtMiidUgX0SYBuVmkAIdjO42Tcr--ovPBZA?e=m2Q2zj>  <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EQ3V9DtFkFZJsr4sctoGnF8BjudeEbSaEQ8IdL0ZDEmhzA?e=qU4E1B> |
| 3 | **SMT-125** | **SMT-125**\_ Types of sets | <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EU1BlrWljyZFqYwSVc12PWMBiSjXrm_7Q1pqLiW_1zukxg?e=Tl7uPy>  <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/ES3DskRPTYpOmZygvZp385wBAc6C6aLiqNKc0QZk_E_Yzg?e=uIPmds> |
| 4 | **SMT-125** | **SMT-125**\_ Cartesian product | <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EU-JXo_mMv5JqAs2E-KlaFIBbkfpWw3sC9czUA5B8zr8-g?e=oAtYbF> |
| 5 | **SMT-125** | **SMT-125**\_ Principles of inclusion & exclusion | <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/ESmT-XLpl0hPviXsRMFQu9wByEkzP4L7dyqjlw2xwp3VJg?e=ZOIITp>  <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EeqBqXSlIq9Is6YTQtpty8QBmhXVTMsB1SRMnRaWwVlZPQ?e=AGz6lw> |
| 6 | **SMT-125** | **SMT-125**\_ Relations and its types | <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/ETKeMnrKXNRJimku0uygpnwBrvLWT0Ii7Daf_0aEii0ywQ?e=qj8Gqy>  <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EaaZjW1yRXNPu6sYqlXkdBEB_v3IIOhituGWpsfHO5hV8A?e=fdyaV9>  <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EaWWtm8TYUdMml5ZqPBhIm4BunX85_vVo6E6kazL2XFAYg?e=qA7Ynn> |
| 7 | **SMT-125** | **SMT-125**\_ Properties of relations | <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EYV-ZW5w0_RGt92omYexX9UB6Ldwmq1m9sN45Dkslkme-A?e=sJj6tN>  <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EWyNJ8YOwp9BuNsTwnhdWEEBAvbTcbLDULYRF9VKB2-RFQ?e=OSBExG>  <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EaXUuCBrIlJItB0UEqANyaoBFJpnPk8dnW6GqAXFBqVu5A?e=rfaeDb>  <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EY4o45vo4eZOiG3Z437dG88BMOIk8H6DbeT71Cd4IF9OMg?e=oKz0Qq> |
| 8 | **SMT-125** | **SMT-125**\_ Equivalence relations and partitions | <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/Ea3WP0oSxq1NnuB_9pe0ebsBBcc-q27HG1nN-OWusqAcGw?e=Mrjxv5>  <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EYMvSEw4gW5JnDPZYxtPAaABXXavABv0LE0_QPVAC7Kf1g?e=HJBYuY>  <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/ER3gfgXey0RIjLHA81Te038BkvTx0pUxeZJ5LV4rwk2s_g?e=5bSjPQ> |
| 9 | **SMT-125** | **SMT-125**\_ Functions and its types | <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EYEXtqlQm8lCps6YwTPJGBUBbm3GTvPrFjUDxyMjUFABiQ?e=U9WzY6>  <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EaXF2OgO3MtElQnVxS9DT_8BckhLJn84pfp2FMOoU5YkHQ?e=GQNWRg>  <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EYA6bh8f3AFPmL5u2Es2-ZQBQVC-NXJlQFLmR2kqfyShOQ?e=VbJ6dr>  <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EeAC4XLkOjpIgdoawRp__p0BgJkNKuFgdYq_EX2lX2-wUQ?e=d9oMS8>  <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EaHOyIpC4rNHpX684J6NWo8BTbfApfrpcY5K-V3iJo6hhw?e=f3lbDF>  <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/Eed7jlYQVNxGvfBK-p3eJkoB0MjdXOkiHAurGatBHtIO0g?e=5z9oQr>  <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EQN_e5xWwrFCkiMgRT3Rt8ABpHke8jmJPEupEZSF9LexuQ?e=wOVM3I> |
| 10 | **SMT-125** | **SMT-125**\_ Types of Matrices | <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EW2ZYHOyGrBHovb2jozTshoBv5oziKlIfdTuSwcInaKvOQ?e=B0KtOz> |
| 11 | **SMT-125** | **SMT-125**\_ Rank of matrix | <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/ERhJ2NMLSeFEqvjmKbx__msBqdlSqbB7r4D7m1JZn7WCiA?e=rO7eVS>  <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EcD3J8MTeoNCiqSCZt_R7u4BXr3xAWl1ldGtCjYsTjxpew?e=Xv3Pye>  <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/ESDHp2i1N-dBvGn76VREThQBIo7XK7xJhTfor8_HIJyRrA?e=RoRqlK>  <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EWfpHiyW_TZCsEVztUeoc1oB_42AVsmseUM1HyXbXT-Kqw?e=5yYBEB>  <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EdbQ_Nyt1ixDo0x4vPNcUJwBFJszToqwPrfXifjej4sWJw?e=Kfz9ZW> |
| 12 | **SMT-125** | **SMT-125**\_ Solution of linear equations | <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/Ee-dZQAaJ6ZEqW4scJBAypQBqJWssEHU3XcQMOiHGkPBxQ?e=2KW79d> |
| 13 | **SMT-125** | **SMT-125**\_ Gauss elimination | <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EZw30pHMjrxHjQP5AYv9868BEAfAx1IPBHsnFxqfIjwilw?e=S8mTry> |
| 14 | **SMT-125** | **SMT-125**\_ Jacobi and Gauss Seidal | <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EfMbcY7NHzJHml4GZcu37oMBW3Y6uc7MrS7vWMuaRECMvw?e=cVYKFc> |
| 15 | **SMT-125** | **SMT-125**\_ Eigen values and Eigen vectors | <https://cumailin-my.sharepoint.com/:v:/g/personal/bb_cse66_cuchd_in/EV9feqINl_NOjKQRBLRA0QQB6uLFH2Drr9gC2YU1tgumKw?e=5pRRE7> |