**** **College of Computer Science and Math - University of Mosul**

**Future activities for November 2023**

**First: - Seminars:**

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| --- | --- | --- | --- | --- |
| **اسم المحاضر** | **Section** | **Date** | **Title** | **ت** |
| Dr.Neam Abdel Moneim Abdel Majeed | Operations research and intelligence technologies | 9/11/2023 | Stochastic programming |  |
| Dr.. Ghazwan Hani Mahmoud | Operations research and intelligence technologies | 23/11/2023 | Multi-objective Optimization |  |
| M. Farah Hazem Muhammad | math | 1/11/2023 | Minimum size template set |  |
| Dr.Baraa Mahmoud Suleiman | math | 1/11/2023 | Semi-open aggregates of type H and their continuity in topological spaces |  |
| Dr.. Muhammad Omar Shaaban Al-Amr | math | 5/11/203 | Different dynamics of wave solutions of the fifth-order generalized Korteweg-de Vries equation of the Fermi-Pasta-Ulam problem with geometric descriptions |  |
| Dr.. Elaf Suleiman Khalil | math | 13/11/2023 | Development of a search line method in nonlinear programming |  |
| Dr.. Elaf Suleiman Khalil  Dr.. Hamsa Tharwat Saeed | math | 13/11/2023 | A new measure of search direction for solving miniaturization problems |  |
| Dr.. Raghad Abdel Aziz Mustafa  Dr.. Ahmed Mohammed Ali | math | 20/11/2023 | Hosoya polynomials and Wiener's proofs for the almost complete statement of some special data |  |

**Second: Postgraduate students’ discussions:**

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| **Date** | **Section** | **the study** | **student's name** | **Discussion title** |  |
| 1/11/2023 | math | Master’s | Nour Bassam Taha Ali | Solve integral equations using the modified Adomaine analysis method with the Bee algorithm |  |
| 1/11/2023 | math | Ph.D | Yahya Abdel Fattah Hamoudi | Improving chaotic numerical optimization algorithms for optimal information hiding |  |
| 6/11/2023 | math | Master’s | Alaa Abdul Razzaq Mahdi Saleh | Predicting protein secondary structure by combining a hidden Markov model and an artificial neural network |  |
| 2/11/2023 | math | Ph.D | Nibal Sabah Abdul Rahman | Local linear approximation of some nonlinear stochastic differential equations with application |  |
| 9/11/2023 | math | Ph.D | Lamia Qader Ismail Khalil | Applications to scalar-extended Banach algebras |  |