



The university of Basrah

College of Science

Mathematics department



**Graduation projects for Mathematics Department students for the academic  
year 2020-2021**

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|     | Student Name                        | Student No. | Project Name  |
|-----|-------------------------------------|-------------|---|
| .1  | Alaa Mahmoud Dhajer                 | 174383      | Approximation in normed space   |
| .2  | Abrar Jassim<br>Mohammed Jassim     | 154037      | Other special functions   |
| .3  | Ahmed Fadel<br>Ahmed Taha Al-Taima  | 174366      | Topology and digital topology   |
| .4  | Israa Talib Ali<br>Shinawa          | 164572      | On applications of reliability theory   |
| .5  | Israa Imad<br>Hammadi Jassim        | 164549      | Solve differential equations using integral transformations                               |
| .6  | Amera Hamid<br>Ibrahim Yusuf        | 164501      | infinite series   |
| .7  | Aya Majed Ali<br>Muhammad Al-Shehab | 154030      | Inverse Laplace transform theorem   |
| .8  | Iman Ghareeb<br>Mutshar Hasan       | 164700      | The geometric meaning of solutions of differential equations                              |
| .9  | Batoul Abdel<br>Hakim               | 174372      | linear positive operators   |
| .10 | Baraa Ahmed<br>Shamekh Salumi       | 174373      | On Statistically Convergent and Statistically Cauchy Sequences in Non- Archimedean Fields |
| .11 | Balqis Sadiq<br>Thamer Jabr         | 164640      | Hermite polynomials   |
| .12 | Jassim Mohammed<br>Abdul Karim Awad | 164622      | Laplace transform   |
| .13 | Jaafar Mutshar<br>Abdulnabi Raish   | 164609      | Approximation theory  |



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| .14 | Hassan Rashid<br>Ruwaished Ahmed      | 164595 | The sequences   |
| .15 | Hassan Falih Jawad<br>Kazem/Qatrani   | 174386 | Numerical methods   |
| .16 | Hussein Sadiq<br>Abdullah<br>Muhammad | 174492 | Extracting descriptive statistical<br>metrics using Excel   |
| .17 | Hussein Allawi<br>Hussein Muhaisen    | 164563 | Factor analysis   |
| .18 | Halima Ali Hamed                      | 164594 | Approximation properties of<br>Bernstein type operators in one and<br>two dimensions                |
| .19 | Hawraa Qasim<br>Jarallah              | 174380 | spss  |
| .20 | Haider Muwaffaq<br>Hassan             | 164628 | Galerkin finite element method  |
| .21 | Raad Asaad Falih<br>Rabie Al-Nasser   | 144107 | Hierarchical Cluster Analysis/  |
| .22 | Reham Muhammad<br>Jandel Jaber        | 164681 | Application of the finite<br>difference method to the<br>Helmholtz partial differential<br>equation |
| .23 | Rauaa Abdel Sattar<br>Falih Swailem   | 154031 | Dysfunctional integration   |
| .24 | Zahraa Abbas<br>Muhammad<br>Youssef   | 174411 | Homotopy theory   |
| .25 | Zahraa Walid<br>Kazem Thajeel         | 164643 | Solving fractional differential<br>equations with the Kopto derivative                              |
| .26 | Zahra Mahal Aliwi<br>Halil            | 174420 | The Fundamental group   |



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| .27 | Zainab Emad<br>Kazem Ghadban               | 164557 | False inverse method   |
| .28 | Sarah Jaafar Abdel<br>Wahed                | 2021   | L- infinity Spaces   |
| .29 | Duha Majid Hamid<br>Thajeel                | 164579 | Measures of central tendency<br>and dispersion                       |
| .30 | Athraa Kazem<br>Muhammad<br>Hussein        | 174398 | Standard linear space  |
| .31 | Aziz Muhammad<br>Musa Darbash              | 174399 | Dynamic programming for Knapsack<br>problem                          |
| .32 | Aqeel Abdullah<br>Matar Ibrahim            | 174442 | Monte Carlo simulation using<br>Excel                                |
| .33 | Ghayath Imad<br>Muhammad Haji              | 144015 | The traveling salesman problem                                       |
| .34 | Fatima Walid Lilo<br>Jaber                 | 154660 | SOFT BCL-ALGEBRAS OF THE<br>POWER SET                                |
| .35 | Qasim Abd Tarif<br>Hantoush                | 164666 | On Representation and characters of<br>some finite group             |
| .36 | Muhammad Tawfiq                            | 164624 | Integer Linear Programming   |
| .37 | Muhammad Abdel<br>Karim Radi Abdel         | 174461 | Reconstructed relationships  |
| .38 | Maryam Hazem<br>Younis Mohsen              | 144033 | Spaces of internal multiplication<br>and orthogonal bases            |
| .39 | Nour Khaled<br>Muhammad Yassin<br>Al-Zaair | 154071 | Applications to first- and<br>second-order differential<br>equations |
| .40 | Nour Adel Jassim<br>Ayed                   | 174424 | Generating a random sample using<br>bootstrap                        |



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|-----|-----------------------|--------|---|
| .41 | Hoda Baqir Radi Baqir | 154059 | The role of web 2.0 technologies in enhancing the knowledge sharing process during covid-19 pandemic from student's perspective |
|-----|-----------------------|--------|---|