

# Summary Report

## Books

| BookID                   | Title  | Author(s)  | Subject  | Copies | Date Acquired               |
|--------------------------|--|--|----------|--------|-----------------------------|
| 60bfa17cf1a1320dd27be5b7 | Parallel Programming in OpenMP   | Rohit Chandra<br>Ramesh Menon<br>Dave Kohr                 | CMSC 180 | 1      | July 02 2020<br>8:00 AM     |
| 60bfa1c1f1a1320dd27be5bc | Introduction to Parallel Computing: A Practical Guide with Examples in C | Wesley Petersen<br>Peter Arbenz                            | CMSC 180 | 1      | July 02 2020<br>8:00 AM     |
| 60bfa1cff1a1320dd27be5c0 | Programming Languages: Design and Implementation                         | Terrence Pratt<br>Marvin Zelkowitz                         | CMSC 124 | 1      | July 02 2020<br>8:00 AM     |
| 60bfa250f1a1320dd27be5d2 | Introduction to Formal Languages and Automata                            | Peter Linz   | CMSC 141 | 1      | February 01<br>2021 8:00 AM |
| 60bfa260f1a1320dd27be5d5 | Introduction to Automata Theory, Languages, and Computation              | Jeffrey Ullman<br>John Hopcroft<br>Rajeev Motwani          | CMSC 141 | 2      | February 01<br>2021 8:00 AM |
| 60bfa26df1a1320dd27be5da | JFLAP: An Interactive Formal Languages and Automata Package              | Susan Rodger<br>Thomas Finley                              | CMSC 141 | 2      | February 01<br>2021 8:00 AM |
| 60bfa288f1a1320dd27be5e2 | Introduction to the Theory of Computation                                | Michael Sipser   | CMSC 141 | 1      | February 01<br>2021 8:00 AM |
| 60bfa2cdf1a1320dd27be5ed | Operating Systems: A Spiral Approach                                     | Alan Carrick<br>Ramez Elmasri<br>David Levine              | CMSC 125 | 2      | February 01<br>2021 8:00 AM |
| 60bfa2def1a1320dd27be5f2 | Statistics for HCI: Making Sense of Quantitative Data                    | Alan Dix   | CMSC 173 | 1      | February 03<br>2021 8:00 AM |
| 60bfa2fdf1a1320dd27be5fb | Human Computer Interaction   | Russell Beale<br>Alan Dix<br>Janet Finlay<br>Gregory Abowd | CMSC 173 | 1      | February 03<br>2021 8:00 AM |

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| BookID                   | Title   | Author(s)   | Subject  | Copies | Date Acquired            |
|--------------------------|---|---|----------|--------|--------------------------|
| 60bfa327f1a1320dd27be604 | Fundamentals of Database Systems  | Ninong Quiboloy   | CMSC 22  | 2      | March 06 2021 8:00 AM    |
| 60bfa33df1a1320dd27be609 | Introduction to Algorithms  | Clifford Stein<br>Thomas Cormen<br>Charles Leiserson<br>Ronald Rivest | CMSC 142 | 1      | March 06 2021 8:00 AM    |
| 60c9ee6473ebee0b8dab3e4e | Data Communications and Networking  | Behrouz Forouzan  | CMSC 137 | 2      | March 06 2021 8:00 AM    |
| 60c9ee7173ebee0b8dab3e51 | User-Centered Data Management   | Stephen Kimani<br>Tiziana Catarci<br>Alan Dix<br>Guiseppe Santucci    | CMSC 173 | 1      | February 03 2021 8:00 AM |
| 60c9ee8073ebee0b8dab3e57 | Artificial Intelligence: A Modern Approach  | Peter Norvig<br>Stuart Russell  | CMSC 170 | 2      | February 01 2021 8:00 AM |
| 60c9eecc73ebee0b8dab3e5b | Computer Architecture: A Quantitative Approach  | John Hennessy<br>David Patterson                                      | CMSC 132 | 2      | February 01 2021 8:00 AM |
| 60c9eedf73ebee0b8dab3e5f | Elements of the Theory of Computation   | Harry Lewis<br>Christos Papadimitriou                                 | CMSC 141 | 2      | February 01 2021 8:00 AM |
| 60c9eeec73ebee0b8dab3e63 | Computability, Complexity and Languages: Fundamentals of Theoretical Computer Science | Ron Sigal<br>Martin Davis<br>Elaine Weyuker                           | CMSC 141 | 1      | February 01 2021 8:00 AM |
| 60c9eef773ebee0b8dab3e68 | A Textbook on Automata Theory   | Pamparampampam Sri  | CMSC 128 | 6      | July 00 2017 8:00 AM     |
| 60c9ef0273ebee0b8dab3e6b | Artificial Intelligence: Structures and Strategies for Complex Problem Solving        | George Luger  | CMSC 170 | 1      | July 02 2020 8:00 AM     |

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| BookID                   | Title                             | Author(s)      | Subject  | Copies | Date Acquired        |
|--------------------------|-----------------------------------|----------------|----------|--------|----------------------|
| 60c9ef0c73ebee0b8dab3e6e | Concepts of Programming Languages | Robert Sebesta | CMSC 124 | 1      | July 02 2020 8:00 AM |
| 60c9ef1673ebee0b8dab3e71 | Algorithms and Parallel           | Fayez Gebali   | CMSC 180 | 1      | July 02 2020 8:00 AM |

# Summary Report

## Special Problem and Thesis

| ID                       | Type            | Title   | Author(s)                                 | Adviser(s)   |
|--------------------------|-----------------|---|---|--|
| 60c9e5ed6defa3431c38365d | Special Problem | AAATesting Advisers Fields  | Rita ISabel                               | Lailanie R. Danila<br>Maria Art Antonette D. Clariño<br>Eliezer A. Albacea |
| 60c9e1de6defa3431c383645 | Thesis          | AAATesting Multiple Advisers  | Isabel Rita<br>Mama mo                    | Eliezer A. Albacea<br>Maria Art Antonette D. Clariño                       |
| 60bf63c083b8b44504f55625 | Thesis          | An Interactive Tool for Gel Electrophoresis Analysis of DNA   | Mongilbert Tolegon                        | Jaderick P. Pabico   |
| 60bf5b5a83b8b44504f555eb | Special Problem | Automated Characterization of Bee Behavior Using Video Analysis   | rita isabel                               | Lailanie R. Danila   |
| 60bf5d615bda8b23ccb0d5c4 | Special Problem | Automated Print Quality Analysis  | Michael Vincent<br>Hernandez              | Vladimir Mariano   |
| 60bf5cb083b8b44504f555f1 | Special Problem | Baybayin Character Classification: An Application of Pattern Recognition Through Line Angle Categorization and Freeman Chain Coding | Czarina Mae Lajara<br>Dexter Allen Galvez | Vladimir Mariano   |
| 60bf5d5a83b8b44504f555f6 | Special Problem | Bureau of Plant Industry Los Banos Online Sales System  | Jemuel Clemente                           | Reinald Adrian Pugoy   |
| 60bf5d7d5bda8b23ccb0d5c9 | Special Problem | Character Segmentation in License Plate Images  | Erickson Lavilla                          | Vladimir Mariano   |
| 60bf5e7b83b8b44504f555fa | Special Problem | Computerized Grading System of Mangifera indica L. (Pico mango variety) Using Artificial Neural Networks and Image Processing       | Krismagne Maximo                          | Jaderick Pabico  |
| 60bf5f2883b8b44504f555ff | Special Problem | Configurable Faculty Service Record (FSR) Management System for the Institute of Chemistry and the Institute of Computer Science    | Vernie Velecina<br>Renee June Culaway     | Arian Jacildo  |
| 60bf5e9c5bda8b23ccb0d5d2 | Special Problem | DVRelay Administrator: Graphical User Interface Application for DVRelay Administration  | Anthony Carl Alcantara                    | Arian Jacildo<br>Enrico Merle  |
| 60bf5e8c5bda8b23ccb0d5ce | Special Problem | Design and Detection of Document Landmark   | Diana Lopera                              | Vladimir Mariano   |
| 60bf602183b8b44504f55604 | Special Problem | Development of a Corrosion Rate Modelling, Simulation and Visualization System  | Rick Jason Obrero                         | Marish Madlangbayan<br>Danilo Mercado                                      |
| 60bf611883b8b44504f5560b | Special Problem | Finding the Optimal Size of Audio Chunk to Deliver via Http Live Streaming  | Mark Earvin Sarmiento                     | Arian Jacildo  |
| 60bf5ea65bda8b23ccb0d5d7 | Special Problem | Food Ordering System Through Bluetooth Wireless Technology  | Sandy Init                                | Margarita Carmen Paterno   |
| 60bf5ed65bda8b23ccb0d5ef | Special         | Implementation of Various Loop Scheduling Algorithms on Desktop Grids   | Ramon Ayco Jr.                            | Jaderick Pabico  |

|                          |                 |   |                  |                  |
|--------------------------|-----------------|---|------------------|------------------|
|                          | Problem         |   |                  |                  |
| 60ca056ca5f0341f90dde923 | Thesis          | La Vie en Rose  | Kim Chaewon      |                  |
| 60bf5eb45bda8b23ccb0d5dc | Special Problem | License Plate Character Recognition : A Neural Network Approach | Gem RotoI        | Vladimir Mariano |
| 60bf61b683b8b44504f55610 | Special Problem | Modeling the Growth of Plants Using L-Systems                   | Farrah Mae Ochoa | Jaime Samaniego  |
| 60bf5d195bda8b23ccb0d5bc | Special Problem | Modern World v2: Automated Speech Recognition                   | Peter Pan        |                  |

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| ID                       | Type            | Title  | Author(s)              | Adviser(s)                |
|--------------------------|-----------------|--|------------------------|---------------------------|
| 60bf624483b8b44504f55615 | Thesis          | Multi-Library System with ISBN Search Implemented Online via Google App Engine Java                        | Rodel Ocampo Jr.       | Jaderick Pabico           |
| 60bf62c683b8b44504f5561a | Thesis          | NUI using Microsoft's Kinect Sensor  | Fritz Derick Seeckts   | Joseph Anthony Hermocilla |
| 60bf5ec05bda8b23ccb0d5e2 | Special Problem | Patterns of Internet-Based Friendship  | Chezka Camille Arevalo | Jaderick Pabico           |
| 60bf5eca5bda8b23ccb0d5e6 | Special Problem | Robust Object Detection Using Image Correlation  | Catherine Anonuevo     | Vladimir Mariano          |
| 60ca05f55b334716981428e4 | SP              | Rose-Colored Boy   |                        |                           |
| 60bf5ed05bda8b23ccb0d5ea | Special Problem | SaDS: Speech Activated Directory System on Voice over Internet Protocol                                    | George Esguerra Jr.    | Arian Jacildo             |
| 60ca056ca5f0341f90dde91e | Special Problem | Test Title   | First Last             | First Last                |
| 60ca053deca833025f98adbb | Special Problem | Test Title1  | First1 Last1           | First1 Last1              |
| 60ca053deca833025f98adc6 | Thesis          | Test Title2  | First2 Last2           | First2 Last2              |
| 60bf634d83b8b44504f5561f | Thesis          | The Feasibility of Keyphrase Extraction Algorithm for Classifying Wikipedia Articles using Hadoop Clusters | Luigi Mari Tenerife    | Danilo Mercado            |