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STAFF HANDBOOK

| | | | |
|---|--|---------------------------------------|-------------------------|
| Name | Solikhhatun, Dr. | | |
| Post | System and Control Theory | | |
| Academic Career | | Institution | Year |
| | Initial Academic Appointment | Universitas Gadjah Mada | 2003 |
| | Post Doctoral | - | - |
| | Doctoral Degree | Institut Teknologi Bandung, Indonesia | 2016 |
| | Master Degree | Universitas Gadjah Mada, Indonesia | 2006 |
| | Undergraduate Degree | Universitas Gadjah Mada, Indonesia | 2003 |
| Employment | | Employer | Period |
| | Prospective Employee | Universitas Gadjah Mada | 01-01-2005 – 01-02-2007 |
| | Instructor | Universitas Gadjah Mada | 01-02-2007 – 30-05-2012 |
| | Assistant Professor | Universitas Gadjah Mada | 01-06-2012 – now |
| | Associate Professor | | |
| | Full Professor | | |
| Research and development projects over the last 5 years | <i>Name Project : Robust Controller Design for Bilinear Systems on the Model of Cancer Chemoteraphy</i> <i>Period : 2016</i> <i>Amount of Pricing : IDR 47.000.000</i> | | |
| Industry collaborations over the last 5 years | Project title : Partners: | | |
| Patents and proprietary rights | | Title | Year |
| | | | |
| | | | |
| Important publications | Selected recent publications form a total of approx.: 4 | | |

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|--|---|------|--------|
| over the last 5 years | <p>Solikhatun, Roberd Saragih and Endra Joelianto, “Reduced Order Bilinear Time Invariant System by Means of Error Transfer Function Least Upper Bounds”, <i>Nonlinear Dynamics and Systems Theory</i>, Vol 16 No 2, pp. 206-220 (2016).</p> | | |
| | <p>Solikhatun, Roberd Saragih, Endra Joelianto and Janson Naiborhu, "Robust H_∞ Control for Bilinear Systems Using the Dynamic Takagi-Sugeno Fuzzy Models Based on Linear Matrix Inequalities", <i>International Journal of Control and Automation</i>, Vol 9 No 7, pp. 7-22 (2016).</p> | | |
| | <p>Solikhatun, R. Saragih and E. Joelianto, “Least upper bounds of error transfer function of reduced order bilinear time invariant systems”, <i>Proceeding of 2nd 2013 IEEE Conference on Control Systems and Industrial Informatics (ICCSII)</i>, pp. 178-183 (2013).</p> | | |
| | <p>Solikhatun, R. Saragih and E. Joelianto, “Reduced order bilinear time invariant system using singular perturbation”, <i>Proceeding of The 3rd International Conference on Instrumentation, Control and Automation</i>, pp. 92-97 (2013).</p> | | |
| Activities in specialist bodies over the last 5 years <i>(Membership without a specific role need not be mentioned)</i> | Organization | Role | Period |
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