

CURRICULUM VITAE

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PROFILE

Daniel Sutopo Pamungkas
Place/Date of birth: Cirebon/28th November 1975

EDUCATION

Bandung Institute of Technology

M.Eng. in Control (2007)

Thesis: " Application of Filtered Error LMS Algorithm with TMS320C6713 For Active Cancellation of Tollmien-Schlichting instability Waves "

Advisor: Prof, Dr. Bambang Ryanto

Bandung Institute of Technology

B.Eng. in Engineering Physics (1999)

Final Project" Mathematical Simulation for AHU Systems"

Advisor: Prof, Dr Soegianto

TEACHING EXPERIENCES

Batam Polytechnic(2000-2009)

Microcontroller (2010), Telemetry (2008-2009), Programmable Logic Control (2007-2008), Engineering Mathematics (2008-2009), Calculus (2008-2009), Control (2007-2009), Physics (2000-2009), Instrumentation I and II (2003-2009), Digital Electronics (2000-2004), Repair and Maintenance Electronics Devices (2007-2008)

MANAGEMENT EXPERIENCES

Vice Director III Batam Polytechnic for Students Affair (2007-2010), Manager of Batam Polytechnic Mechatronics Training Center.

PROFESSIONAL AFFILIATION

Ikatan Ahli Ketenagalistrikan Indonesia (Indonesian Electrician Assosiation)

CONFERENCES

Simulation Filtered Error-LMS Algorithm for Active Wave Cancellation in Aeroplane , Seminar Instrumentasi berbasis Fisika 2007, ITB, Indonesia.

Identification Tollmien-Schlichting (TS) Waves with Adaptive filter, NATIONAL CONFERENCE DESIGN AND APPLICATION OF TECHNOLOGY 2009, Widyamandala University

Hotwire Sensors for Standing Waves identification , Seminar on Application and Research in Industrial Technology 2009, UGM, Indonesia

Application of Filtered Error LMS Algorithm For Active Cancellation of Tollmien-Schlichting instability Waves, The 4th International Conference on Information and Communication Technology and Systems, 2008, ITS, Indonesia

AREA OF INTERESTS:

Instrumentation, Telemetry, Non Linear Control, Mechatronics And Robotics

PROJECT EXPERIENCES

CNC Cutting Flame, 2003

COMPUTER SKILLS:

MS Office (Word, Excel, PowerPoint), Open Office, C Programming, Code Vision, CX Programmer, Matlab.

HARDWARE SKILLS

AVR Microcontroller, Omron PLC, Keyence PLC, Pneumatics, Electro pneumatic, Hydraulics, Rabbitcore, DCS TMS320C6713.