



# DZURAI DAH ABD WAHAB

## Professor (Dr.)

### RESEARCH

Currently the Head of Centre for Automotive Research (CAR) at UKM. CAR focuses on 3 research areas namely ELV Remanufacturing & Recycling, Reliability & Safety, and Electric Mobility & Intelligent Vehicle Technologies. Her areas of research interests are Design for Sustainability, Remanufacturing, Life Cycle Engineering and Applications of AI and Additive Manufacturing in Remanufacturing. She has been awarded research grants in the related field from the Sumitomo Foundation and MARii, the custodian of the NAP2020.

### ACADEMIC QUALIFICATIONS

- **B.Eng.** (Chemical & Process)  
Universiti Kebangsaan Malaysia (1988)
- **M.Eng.** (Design and Manufacture)  
Manchester Metropolitan University (1995)
- **Ph.D.** Manchester Metropolitan University,  
United Kingdom (1999)

### EXPERTISE

- Design for Sustainability
- Remanufacturing
- Life Cycle Engineering
- Applications of AI and Additive Manufacturing in Remanufacturing

### RESEARCH CENTRE

Centre for Automotive Research (CAR)  
Faculty of Engineering and Built Environment

For list of publications and current research grants, please click:

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### RESEARCH AT A GLANCE

#### Fuzzy-based Intelligent Systems for Component Repair using Additive Manufacturing

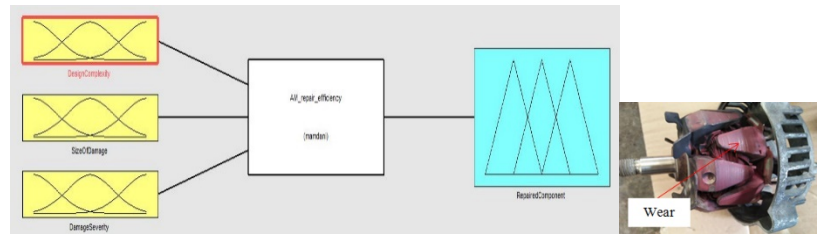


Fig. 1 Parameters for input and output of the fuzzy based model

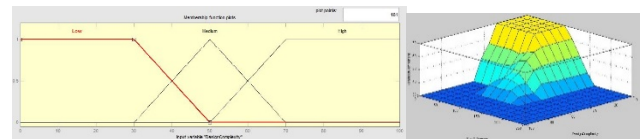


Fig. 2 Membership function for design complexity

#### Implementation of Design Upgrades for Life Cycle Extension

