



MUHAMAD ALIAS MD JEDI

Senior Lecturer (Dr.)

RESEARCH

Expert in Statistical Mechanics, Fluids Mechanics and Data Analytics.
Research focus on mechanics of fluids and application on Lubricants,
Nanofluids and Thermal Fatigue.

DEGREES

1. B.Sc (Statistics), University Kebangsaan Malaysia (2008)
2. M.Sc (Statistics), Universiti Kebangsaan Malaysia (2009)
3. PhD (Math), Universiti Teknologi Malaysia (2016)

EXPERTIES

Statistical Mechanics
Fluids Mechanics
Heat Transfer
Data Analytics

RESEARCH GROUP

1. Computational and Experimental Mechanics (CEM)
2. Centre for Automotive Research (CAR)

For list of publications and current research grants, please click UKM Sarjana.
[UKM Sarjana](#)

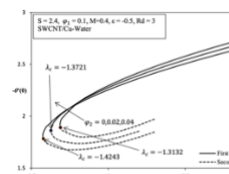
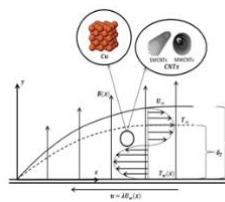
CONTACT

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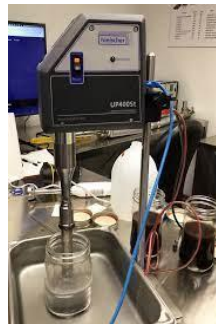
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RESEARCH AT A GLANCE

Statistical/Fluids Mechanics Problem



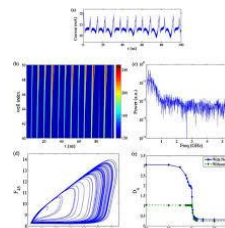
Derivation &
Simulation



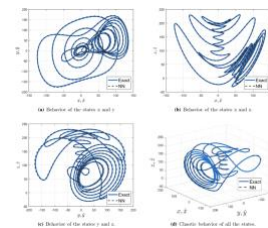
Experiment
Validation



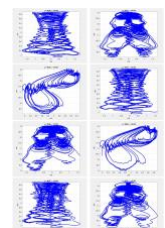
Heat Transfer/Data Analytics: Chaos & Fractal



Chaotic &
signal



Fractal dynamics



Chaotic
systems