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JAFFAR

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EXPERTISE

Dr. Mai Z. A. M. Jaffar is a senior lecturer of Department of Mathematics, Universiti Putra Malaysia. Her research interests are concerned with the study of differential equations and related analyses arising from mathematical models of growth and form of filamentary microorganisms. The vast majority of her current work has been aimed at building up a better comprehension of the exquisite case of polarized morphogenesis exhibited by filamentary microorganisms. Her research grant is sponsored by Putra Young Initiative Grant (GP-IPM). She is also a research associate at the Institute for Mathematical Research, UPM. She obtained her Ph.D from the University of Dundee, Scotland collaborated with University of Oxford, England resulted in Elsevier publication. She derived a generalized formulae covering tip profiles for numerous classes of filamentary microorganisms.

Current Research Interest

Study of differential equations and related analyses arising from mathematical models of growth and form of filamentary microorganisms

LINK TO POSTGRADUATE FIELD OF STUDY:

Applied Mathematics, Computational and Mathematical Biology

ADDITIONAL INFORMATION: