

**INSTITUT SAINS MATEMATIK  
UNIVERSITI MALAYA  
SIRI KOLOKIU**

**Tajuk:**

**A Feature Detection Method for Pulmonary Mycobacterium Tuberculosis  
Using Conventional Chest Radiographs\***

**OLEH:**

**Omar Mohd Rijal**

*Universiti Malaya*

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**Abstract**

The success of eliminating the disease Mycobacterium Tuberculosis (MTB) depends on the detection capabilities of medical organizations. In Malaysia, the government hospitals perform the major part of this particular task. An important ingredient of the diagnostic process in government hospitals is the visual interpretation of standard chest X-ray films. A previous study proposed an objective alternative; involving wavelets coefficient, as the feature vector of MTB. In this study, we proposed an Andrew's curve graphical presentation of the feature vector MTB.

*\*This talk is based on a joint paper written with Norliza Mohd. Noor (Universiti Teknologi Malaysia) and Chang Yun Fah (Multimedia University).*

**SEMUA DIJEMPUT HADIR**