THE UNIVERSITY   **OF HONG KONG**

Department of Mathematics

Numerical Mathematics and Applied Analysis Group Seminar (NMAA)

Computer-aided breast cancer detection

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on Friday, July 2, 2004 at 2:00p.m.
in Room 209, Run Run Shaw Building

Abstract

Infiltrating or invasive lobular carcinoma (ILC) accounts for about 5-10% of all breast cancer diagnosed. It is a special type of breast cancer and is often occult mammographically, hence, difficult to detect. This talk presents a preliminary study on detecting ILC from normal mammograms. Watershed algorithm was used to segment the minima in the breast region. Features were subsequently measured on the each of the watershed regions and were used for cancer detection.

All are welcome

For enquiries, please call 2859 2255.