

U.S. PATENTS (1996)

APL staff members received the following U.S. patents during 1996:

JC Spall and JA Cristion

Method for Model-Free Control of General Discrete-Time Systems, No. 5,513,098 (30 Apr): A method of developing a controller for general (nonlinear) discrete-time systems, where the equations governing the system are unknown and where a controller is estimated without building or assuming a model for the system.

IN Bankman and WA Christens-Barry

Method and System for Automated Detection of Microcalcification Clusters in Mammograms, No. 5,574,799 (12 Nov): A method for automated detection of objects in images with one specific use being to detect malignant microcalcification clusters in mammograms.

FOREIGN PATENTS (1996)

APL staff members received the following foreign patents during 1996:

RS Potember and TO Poehler

Multistate Optical Switching and Memory Using an Amphoteric Organic Charge Transfer Material, No. 2075375 (Japan) (25 Jul): A multistate organic optical storage medium is disclosed, wherein an optical beam can switch any "data storage spot" on the optical storage medium into three or more memory states. The optical storage medium may consist of a mixture of bistate switching modules, or of large delocalized amphoteric molecules.