

Virginia Commonwealth University

- Virginia Commonwealth University (VCU)
- Yuichi Motai, Ph.D.
- 5 Ph.D. Students in Electrical and Computer Engineering at VCU, Many VCU Colleagues, 3 Medical Faculty Members at MCV, and at Harvard Medical School.

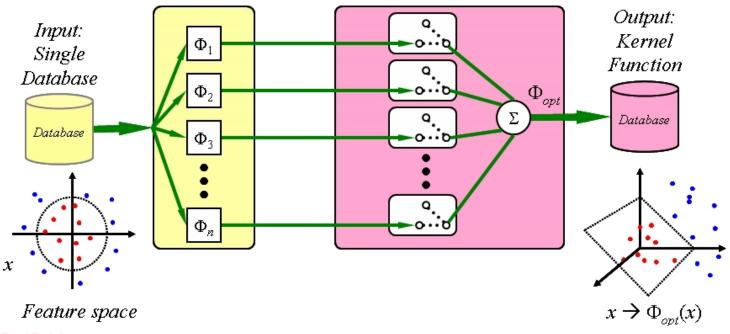


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Research Area: Sensory Intelligence

- Dynamic Classification-- Semi-supervised Learning, Online Support Vector Machines, Composite Kernel Feature Analysis, Heterogeneous Online Data Association.
- Adaptive Prediction-- Nonlinear Filters for Extended Kalman Filter, Recurrent Neural Network, and Interactive Multiple Modelbased Estimation.

STEP 1 : Kernel Selection STEP 2 : Composition of Kernels



Root Database STEP 1 : Analysis of Data Kernel STEP 2 : Combine Distributed Datasets Feature Distribution into Root Database #1 Dataset 1 Root Database Dataset 2 Dataset 3 Dataset 3 Dataset 4 #2 Dataset 1 Dataset 1 Dataset 1 Dataset 2 Dataset 2 Σ Dataset 3 Dataset 4 Dataset 4 Dataset 6 Homogeneous Dataset 7 Dataset 8 orHeterogeneous #N#NDataset 1 Dataset 1 Homogeneous Dataset Dataset 2 Dataset 3 Dataset 3 Heterogeneous Dataset Dataset 4 Dataset 4



- Seek for the following research group to join:
- Knowledge on Intelligence Advanced Research Projects Activities.
- Familiar with the Office of the Director of National Intelligence's Director of Science and Technology.

Engaged Hard Workers to Sync with us!



Commonwealth University

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