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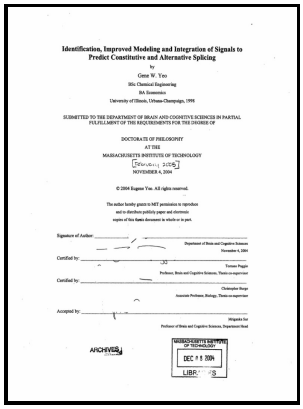
Identification, Improved Modeling and Integration of Signals to Predict Constitutive and Alternative Splicing

by

Gene W. Yeo

BSc Chemical Engineering

BA Economics

University of Illinois, Urbana-Champaign, 1998

SUBMITTED TO THE DEPARTMENT OF BRAIN AND COGNITIVE SCIENCES IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF

DOCTOR OF PHILOSOPHY

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Signature of Author: Department of Brain and Cognitive Sciences November 8, 2004

Certified by: Tomaso Poggio Professor, Brain and Cognitive Sciences, Thesis co-supervisor

Certified by: Christopher Burge Associate Professor, Biology, Thesis co-supervisor

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Journal of Low Temperature Physics

This requires a major updating of the studies reviewed previously, and therefore, the aim of this chapter is to present current knowledge related to the physics and applications of manganites in the magnetic cooling. This same distribution is reflected in the publications in refereed journals by Laboratory users. B Power Supply and Cooling System The power supply consists of two identical shafts of rotating machinery Figure 1.

Low

On-axis field profiles of several Bitter magnets. These effects have made it difficult, for example, to obtain a clear, unequivocal interpretation of many bulk or surface excited-state spectroscopic measurements.

Journal of Low Temperature Physics

However, the entropy changes of gadolinium are much smaller than expected for wide technical applications. The primary topics of interest include superconductivity; quantum solids, liquids and gases; quantum information; quantum electronics and devices; topological systems; condensed matter physics at low temperatures; and low temperature technology.

Department of Physics at UF

The treatment of crystals for several minutes in a relatively low static magnetic field led to noticeable displacements of dislocations by 10—100 μm. Specifically, Kevan and others 13 have shown that the occupied s, p-like surface bands seen on the 111 -oriented surface of certain noble metals provide an excellent model system for examining a number of basic condensed-matter phenomena, generally in connection to the variation

of surface-state properties and electron dynamics with surface orientation and structure.

Low Temperature Physics

A considerable amount of time went by before physicists became aware of the second distinguishing characteristic of a superconductor—namely, its perfect diamagnetism. The alkali halide crystals were preliminarily annealed, followed by chemical polishing and introduction of dislocations by a weak shock.

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