Bridging Paradigm Gaps Between Biology and Engineering

Johoshua Bruck
California Institute of Technology
Pasadena, CA

Abstract

Computing and Communications are well understood topics in engineering. However, we are very much at the beginning of the road to understanding those mechanisms in biological systems. I'll argue that progress in Biology will require better understanding of biologically inspired paradigms for computing and communications. In particular, I'll discuss some initial results related to asynchronous circuits with feedback and to delay insensitive communications.

Proceedings of the Computational Systems Bioinformatics (CSB'03)
0-7695-2000-6/03 $17.00 © 2003 **IEEE**