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Selim G. Akl is a professor at Queen's University in the Queen's School of Computing, where he leads the Parallel and Unconventional Computation Group. His research interests are primarily in the area of algorithm design and analysis, in particular for problems in parallel computing and unconventional computing.

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The Design and Analysis of Parallel
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Dr. Selim Akl, Professor in the School
of Computing at Queen ' s University,
is a worldwide expert in the fields of
parallel computing and algorithm
design. His 40+ years of research
have focused on design and analysis
of efficient solutions to computational
problems with enormous processing
time requirements.

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An understanding of the role of parallel
algorithms and the technical knowledge
for designing and analyzing them are
essential to anyone entering the field of
parallel computation. Familiarity with the
models associated with the algorithms is
also essential. Thus, focusing on "models
and methods, " author Selim G. Akl
presents the following areas of parallel
computation: an overview of the ...

Selim G. Akl (Author of The Design and
Analysis of ...

This chapter discusses asynchronous
sorting on multiprocessors. Algorithms
for multiprocessors are known as
asynchronous parallel algorithms. The
number of processors is large, and they
rarely communicate. The processors
share a number of global variables stored
in a common memory.