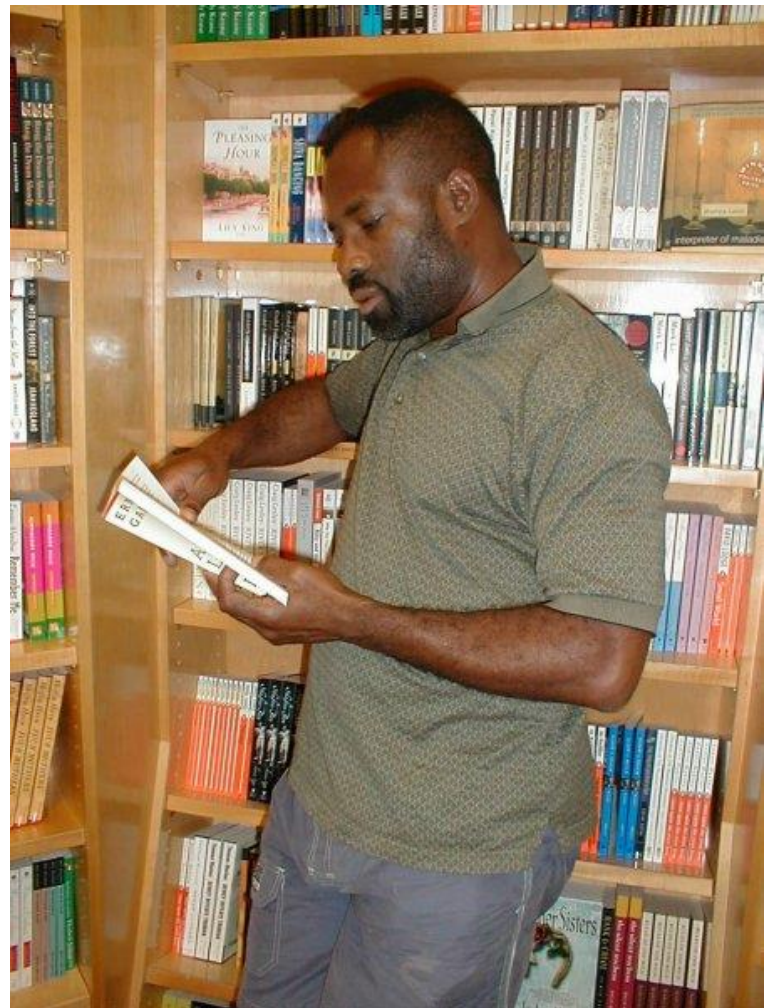


Handwritten stories and lecture notes with heavy cross-outs tossed into the wastebasket of Philip Emeagwali. Some crumpled notes were retrieved on second thought. Some were lost to the past. They provide clues on how his vision took shape through the years. At the time of writing, his ideas were not fully



formed, hence the endless drawing of arrows
and crossing of awkward sentences.

Emeagwali inside a bookstore.
(Baltimore, Maryland. October 21, 2000)

My solution was to compute faster
and at speeds considered impossible.

I broke the speed record
and solved the grand challenge problem
by programming
all my two-to-power sixteen computers
to simultaneously compute
65,536 times faster
than one computer computing alone.

To break the speed in ^{arithmetical} computation
absolutely required that

I, first and foremost, also
break the speed in email communication

130804 02

To break the speed
in email messaging demanded
the technique of "parallel communication,"
a phrase that I coined.
I defined ~~communi~~ emailing-in-parallel
as using sixteen times two-to-power sixteen
communication wires to communicate
via two-to-power sixteen emails
that each ~~com~~ contained five subject lines.
I sent those email messages
forward and backward
across the two times sixteen wires
that were directly ~~connected~~ connected
to each computer.

130804 03



Lloyd Vermont, Wendy, Dale Emeagwali, Jamaica, March 2001