



PHILIP EMEAGWALI

Photos

by emeagwali.com





The Baltimore Afro-American, August 22, 1981.



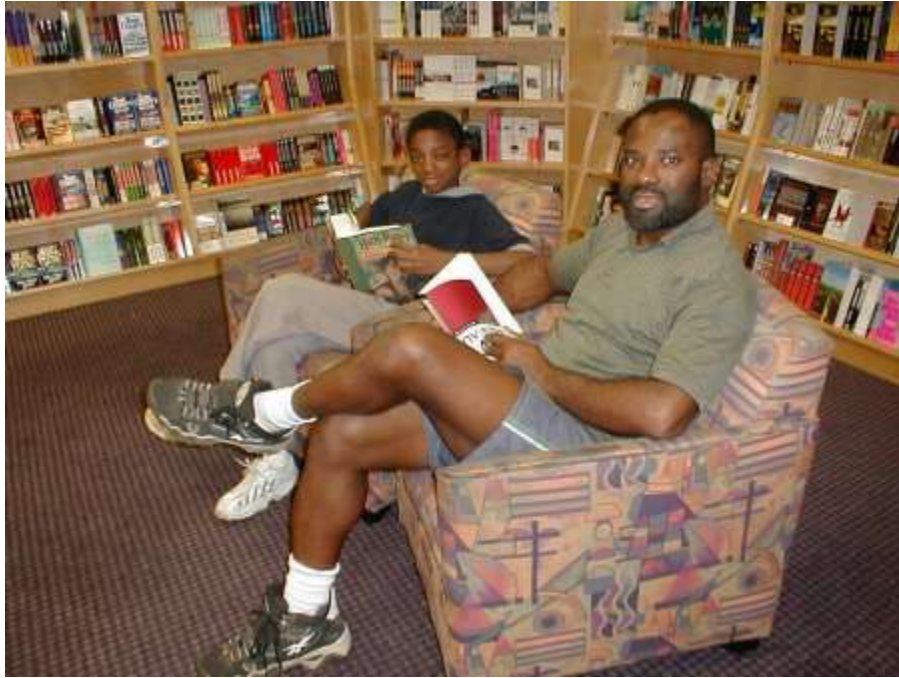
The Baltimore Afro-American, August 22, 1981.



Philip, Dale and Ijeoma Emeagwali at Ijeoma's first birthday party
(1781 Cram Circle, Ann Arbor, Michigan. June 15, 1991)



Philip and Ijeoma on walk through the neighborhood park.
(Baltimore, Maryland. October 21, 2000)



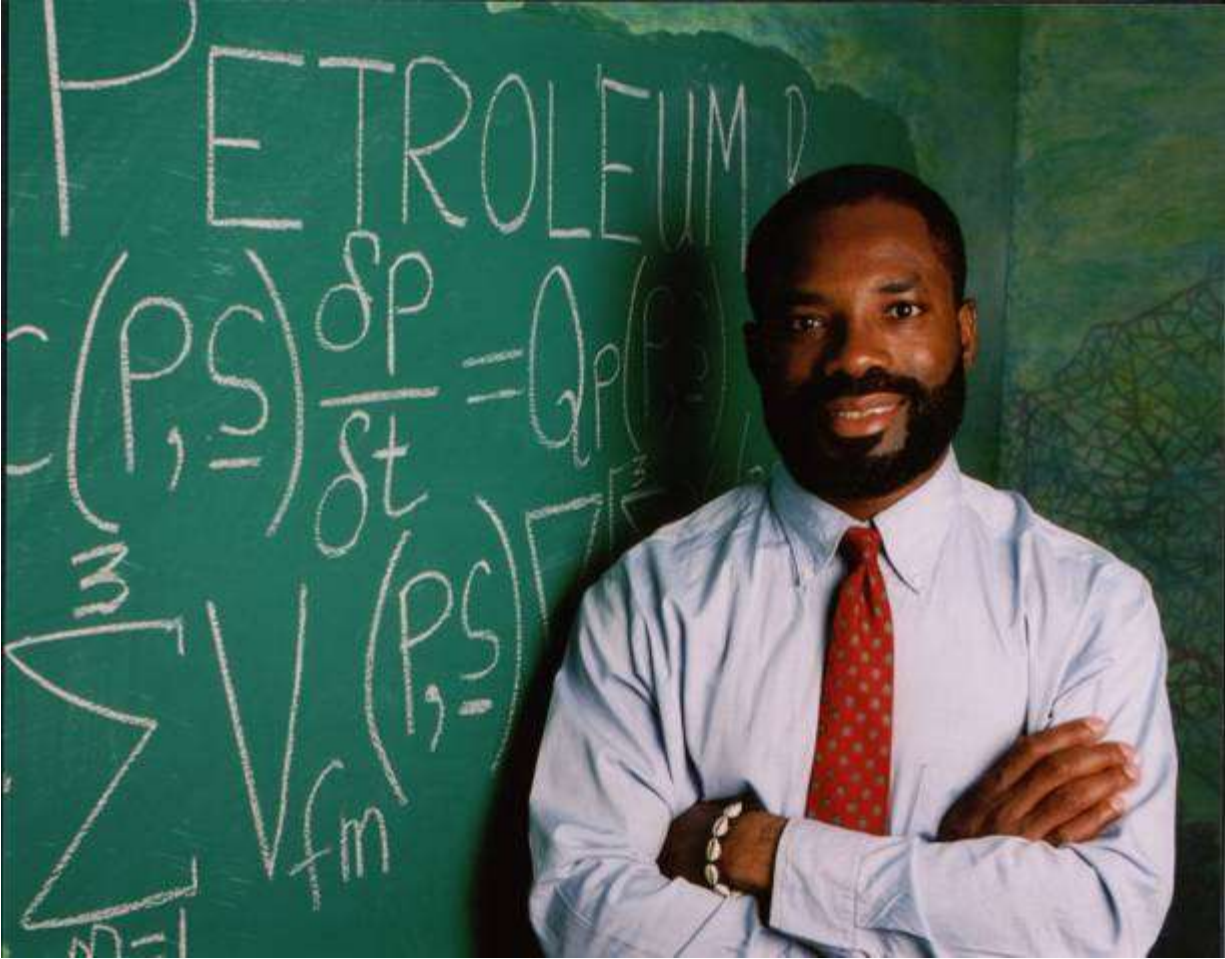
Ijeoma and Philip
(Baltimore, Maryland. October 21, 2000)







Dale, Ijeoma and Philip Emeagwali (MIT, Cambridge, MA, June 8, 2012). Ijeoma is a computer researcher.

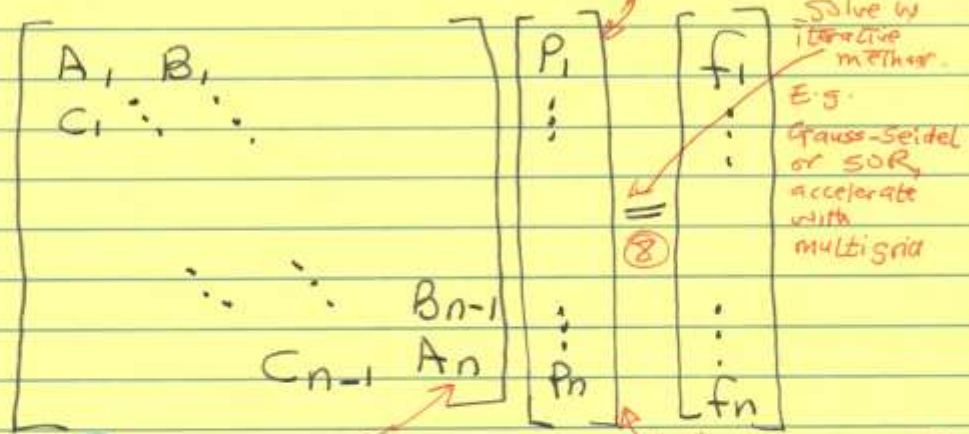


Without my 72 differential and difference terms that represent the temporal and convective inertial forces, the second Law of matrix is violated. And these equations become less effective as the propogate critical errors, which, in turn, reduces the amount of oil recovered.

Then the linearized eqn (74)

becomes

P_i are the unknown vectors of grid points @ i th horizontal or vertical line



n = number of vertical lines on i th horizontal or vertical line

Each submatrix is sparse

yields the pressure from different time steps - Also compute SATURATIONS from 3 8 4

When only 2D (x, y), then

$A_i \rightarrow$ block tridiagonal *

C_i & $B_i \rightarrow$ block diagonal *

* Each point has two unknowns and 2×2 submatrix

each line generates a tridiagonal matrix

Use red-black ordering to enable Gauss-Seidel



9-1111 24

