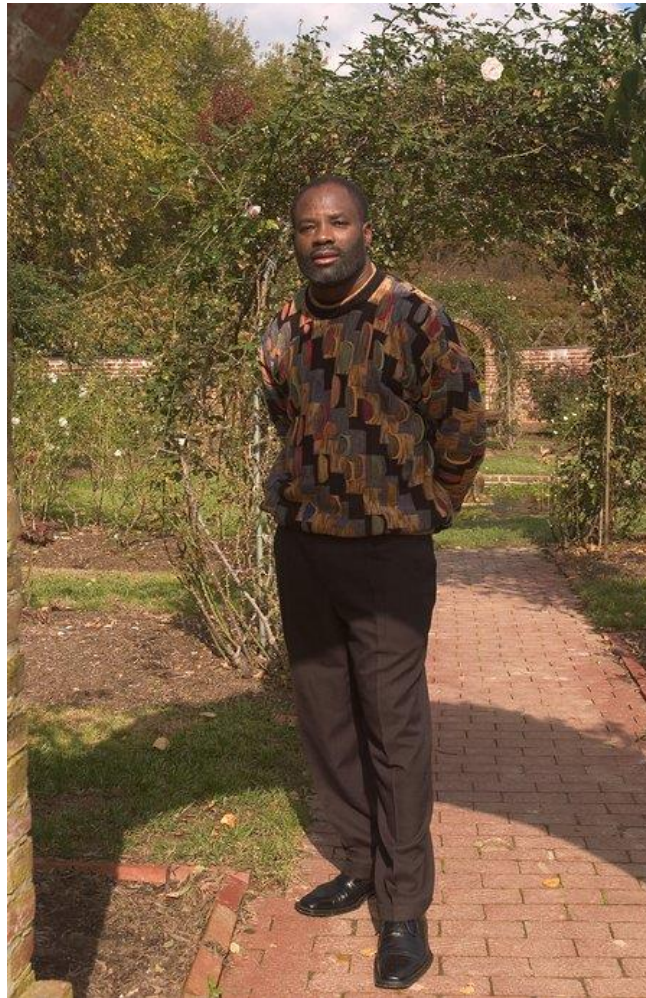


A peek into the old diaries and research notebooks of Philip Emeagwali that pertains to the internet.



The Second Law of motion is representing the journey, not the destination. The laws of physics is knowledge used to recover more oil from oil fields, not the fuel in your car.

The Second Law is a means to an end, a means to an equation that is a means to an algorithm that is computed on a ~~sub~~ ^{two-to-power sixteen} computers with answers emailed across a ~~sixteen~~ ^{sixteen times two-to-power sixteen} billion pathways that defined it as an internet. So physics is a means to an end, not an end in itself. ~~discovers-usage~~ _{ob}

That end, is to recover more oil
My story is ^a consistent and harmonious
description that was perfectly unobscured
by the Second Law of Motion when
~~was~~ told by I, the discoverer. When
retold in the non-discoverer's voice,
it lacked the discoverer's internal
consistency and harmony that states
that the Second Law of Motion holds
on the story board, blackboard, and
motherboard. ^{and communication board.} Here, the challenge is
not to let the secondary voices to
draw the primary one.
~~discoverer's voice~~ →

The Second Law of Motion, without the fourth of four forces, was integrated with the Laws of Conservation of oil and gas and their equations of states to obtain the following:

$$\nabla \cdot [\lambda_o K (\nabla P_o - \rho_o g)] = \frac{\partial}{\partial t} \left(\frac{\Phi S_o}{B_o} \right) + q_{o,0}$$

oil phase pressure (1) oil density volumetric production rate per unit oil reservoir volume ~~that is~~ ~~negative~~

$$\nabla \cdot [\lambda_w K (\nabla P_w - \rho_w g)] = \frac{\partial}{\partial t} \left(\frac{\Phi S_w}{B_w} \right) + q_{w,0}$$

permeability which is a function of x gravitational acceleration vector

The constant rock porosity negative when injecting water into reservoir.

Water phase saturation (2)

$$t > 0, \quad x = (x, y, z) \in \Omega,$$

Two PDEs (above); Four unknowns S_o, S_w, P_o, P_w ; Use "Simultaneous Solution Method" to solve all four equations, boundary and initial conditions. Use two functional relationships between saturation and pressure distributions.

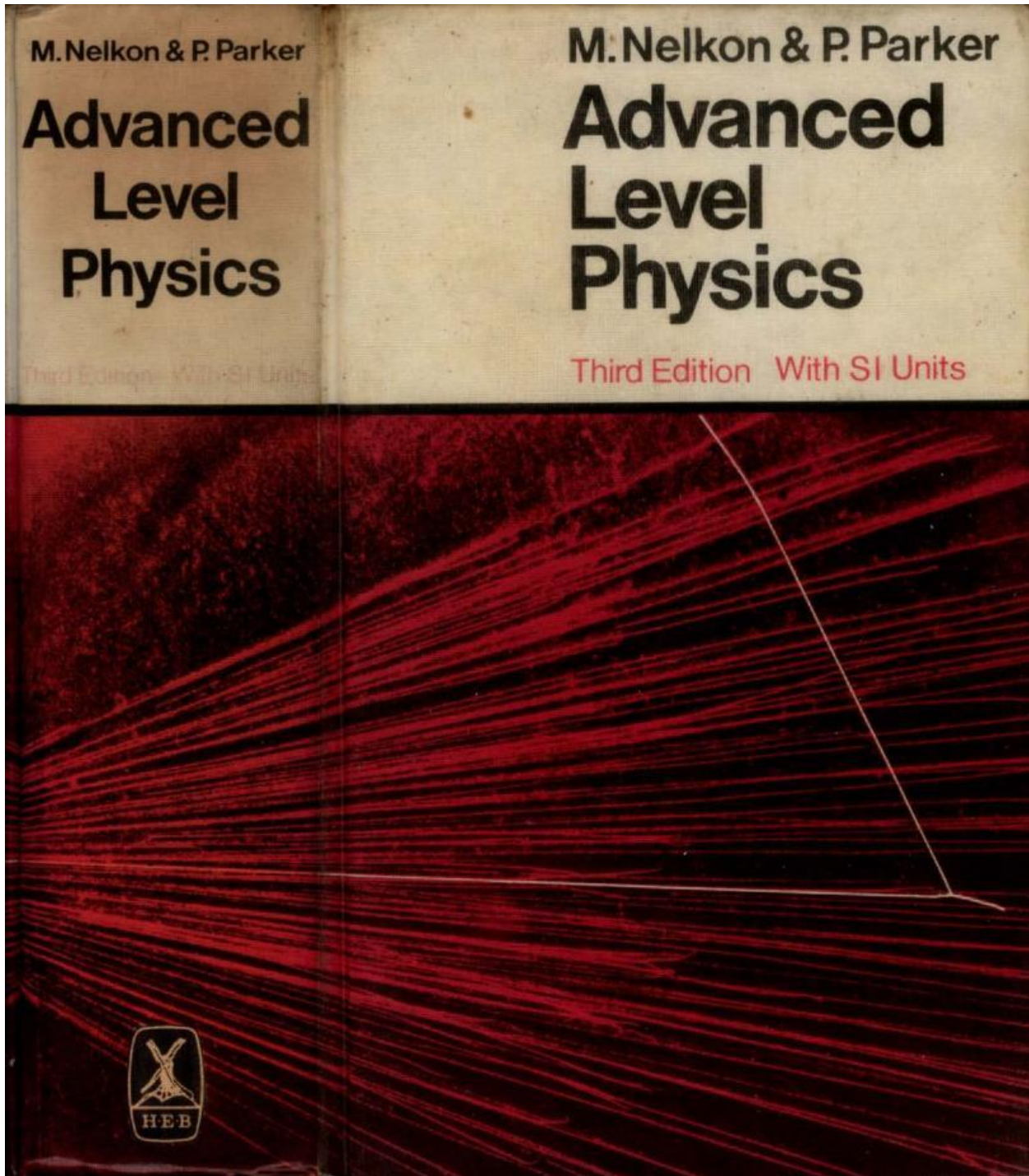
$$S_o + S_w = 1 \quad (3)$$

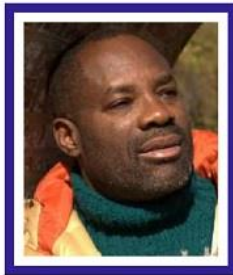
$$P_{cow} = P_o - P_w = f(S_w) \quad (4)$$

I.c.s. $P_L(x, y, z, 0) = P_L^0(x, y, z), \quad L = o, w, \quad x \in \Omega$

B.c.s. $\rightarrow P_L$ Use (3) and (4) to remove saturations in (1) and (2). which then contains only oil pressure (P_o) and water pressure (P_w). The functional relationship between water saturation and the capillary pressure.

2-11H24





Date: 2/12/2007, 5:07 pm,
GMT +6

Name: Nwosu Ejikeme
P <193.93.96.222>

Location: Nigeria

Number: 145

You continue to be an
inspirational source and place
of solace to me. Ride on.

Date: 2/9/2007, 4:36 pm,
GMT +6

Name: GBAJI PHILIP
EFUMA <212.100.65.5>

Location: 44 ODUDUWA
STREET AJEGUNLE
APAPA LAGOS
NIGERIA

Number: 144

Dear prof. Philip i am so proud
of you becos u have made us
proud even d whole ndigbo,
masssobians. thanks.

from J.M.J PRONVINCE.

Date: 2/7/2007, 5:58 pm, GMT
+6

Name: Richard
Gathogo <82.206.143.51>

Location: Nairobi, KENYA

Number: 143

Your struggle and success is an inspiration unto me. May God bless you for sharing this. Surely everything is possible.

Date: 2/6/2007, 1:22 am,
GMT +6

Name: Mose W.
King <208.63.244.116>

Location: Savannah, Georgia,
U.S.A.

Number: 142

Hello Phillip,
I am an African American male. What I have read about you so far has inspired me to read on and research even more great men and women of African descent. I thank you for reaching out to educate the world, and promote positive change and inspire those who need to see one of their own achieve, in spite of

the obstacles that may stand in their way. I, too, have been inspired to learn more, do more and teach more to others about the blessings and gifts that our people have already contributed to this world. I've always tried to convey to others, especially African Americans I encounter, the potential that we all possess and dreams we can bring into fruition through faith in our abilities; the determination in our hearts and persevering toward that worthwhile dream. May God bless you and your

work in educating others and
achieving your dreams.

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**Booking
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