ivor catt.co.uk/x22kl.pdf

For information only.

P O Box 99, St Albans AL3 4HQ 3 12 86

Phil Darrington, The Editor, Wireless World, Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS

Dear Phil Darrington,

The Two Turn Choke.

In Wireless World Dec 78, Catt et al. treated a capacitor as a ______ transmission line and showed that if a capacitor was driven by a ______ voltage step down a transmission line, its voltage took on a staircase appearance which was approximated to by a rising exponential. Years later in Proc.IEEE, Catt showed that if a "steady charged capacitor" was connected to an inductor, the resulting voltage took on a staircase appearance which was approximated to by a sin wave.

Having solved the two turn choke, I noticed that by making a minor change to the far end of the choke, the problem turned into the problem of a one turn transformer. This was duly solved by Catt and Gibson and sent off as a paper to the English Proc. Phys. They have not yet accepted or rejected. I would expect them to accept, because it is full of fancy maths and obscurity.

In trying to find out why the result was so complex and obscure, I lighted upon a massive simplification of the one turn transformer problem, leading to a third paper which is elegant, virtually maths-less, and instructive. I plan to submit this third paper to a learned journal, and whereas the first Proc IEEE (already accepted) and second (Inst Phys) articles I expect to get accepted, I expect refusal of this third, simple, elegant paper.

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All of this work is part of the new discipline, SCIENTIFIC INVESTIGATION OF (THE SCIENTIFIC RECEPTION SYSTEM - the mechanism by which new information is prevented from getting into the learned journals). When I get the accept/reject results of these first three papers, I plan to write about the whole experience in Electronics and Wireless World. http://www.ivorcatt.co.uk/x7171.htm

Our seminars; http://www.ivorcatt.co.uk/x64q.htm

This is at http://www.ivorcatt.co.uk/howie1.htm

Also see <u>http://www.ivorcatt.co.uk/howie2.pdf</u> re cattq

http://www.ivorcatt.co.uk/9101.htm

https://news.stanford.edu/news/2014/april/einstein-quantum-philosophy-040214.html

29 June 2020

Dear Ivor,

I could not possibly improve on this most recent message of yours as an

illustration of the justice of my description "absurd ego trip" to describe your activity!

On the one hand we have this absolutely outrageous fantasy about Maxwell

and his bank <u>http://www.ivorcatt.co.uk/x18j184.pdf</u> followed immediately afterwards by the "no electric

current" claim simply repeated despite numerous arguments to the contrary. <u>http://www.ivorcatt.co.uk/x8cbwash.htm</u> . I and others supplied detailed accounts e.g, for a coax cable

that Maxwell's equations pride [provide] a solution where the energy is carried by

the EM field between the conductors but is of necessity linked to an electric current within them. On connection to a standard hot filament lamp it is this current that will light it.

Archie Howie.

https://en.wikipedia.org/wiki/Archibald_Howie http://www.ivorcatt.co.uk/howie2.pdf