



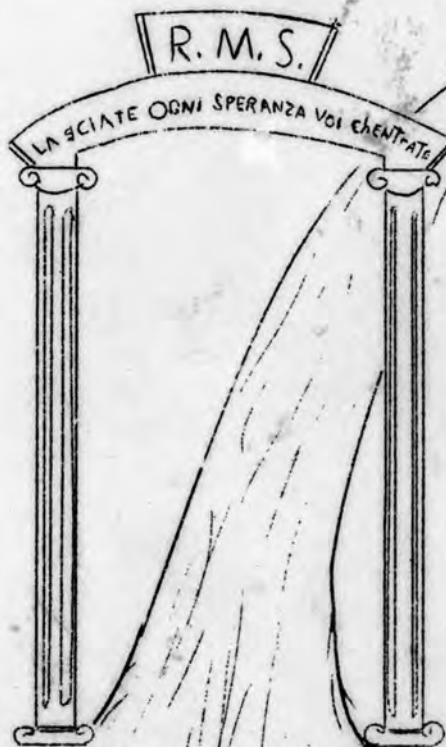
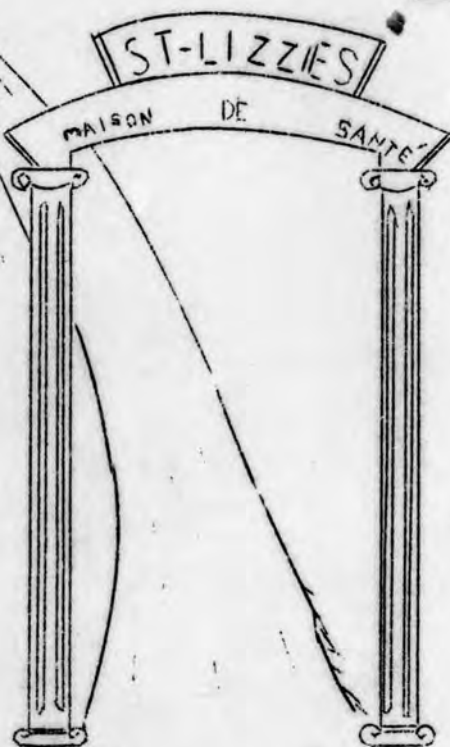
CLASS 26
 $\sqrt{\pi \phi - \pi}$

CLASS BOOK

CLASS 27



26



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Captain, U.S. Navy,
Director.

D.C. BEARD
Lieutenant, U.S. Navy,
Officer in Charge

R. COLE
Chief Radio Electrician,
U.S. Navy.

D.L. TUFT
Chief Radio Electrician
U.S. Navy.

Alex J. Wertis
Chief Yeoman, U.S. Navy.

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T.R. McDaniels	CRM	USN
H.F. Rudowski	CRM	USN
D.W. Robinson	CRM	USN
J.W. Jones	CRM	USN
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F.E. Williams	RMLc	USN

Studes autographs.

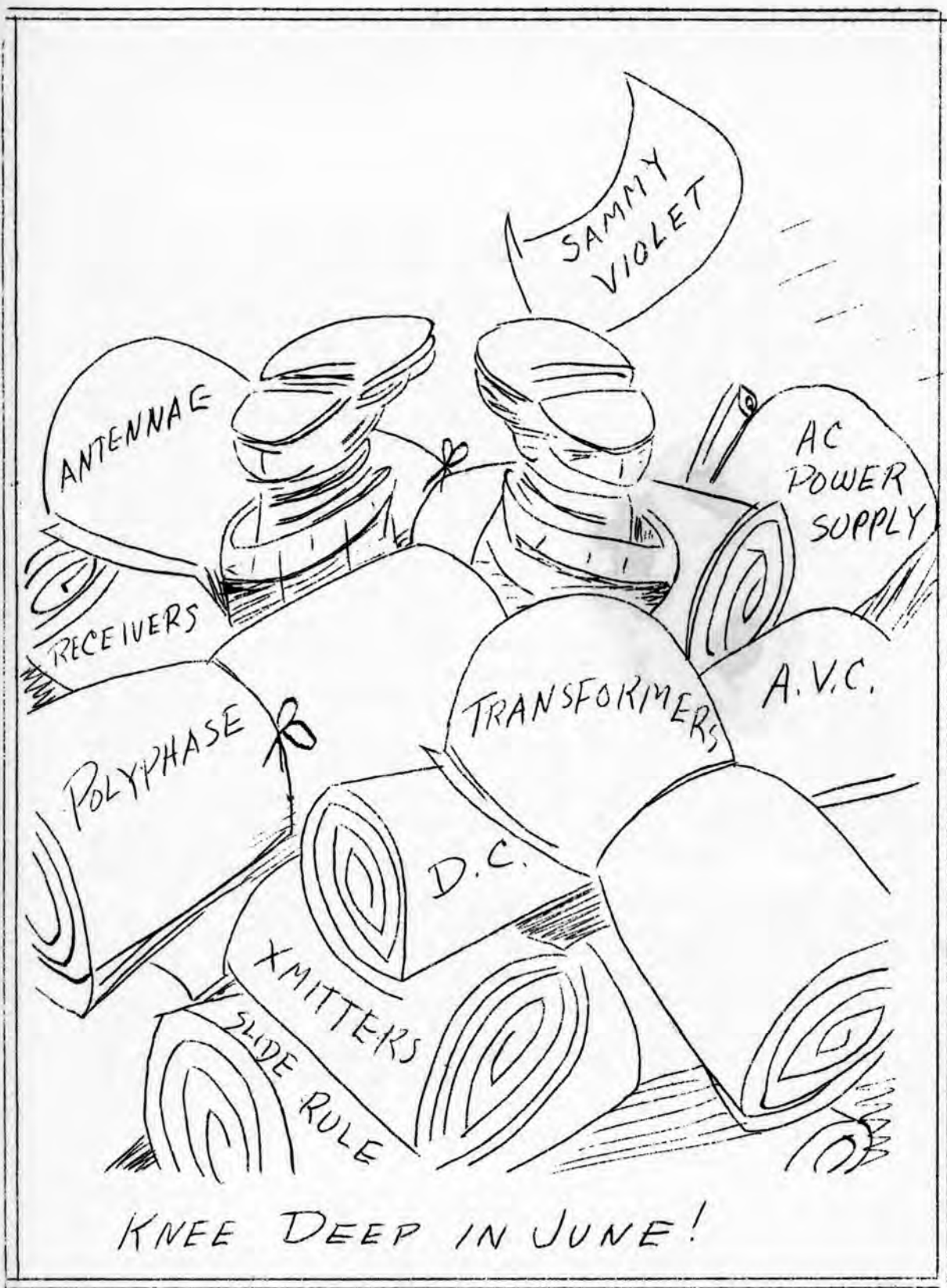
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J. W. Murray

While this class is now on the finals and there are many furrowed brows and in some instances blank stares, and whereas some few of the freshmen of the class of 27 are standing around wondering if and when they will reach the exalted stage of being allowed to participate in the grand and glorious final. And whereas these few members of the aforementioned incoming class remind us of the stage we were in some few months ago, the following memories are set down in order that we may gaze back, on some mid-watch, and remember that while the going was tough at times the end was worthy of the means. Some few of the members were dropped in order that they may return as possible public enemies in some future class. Some hard feelings were developed from time to time due to the stress of the moment but these too have been flattened under the steam roller of time.

The instructors have done their best to inculcate a knowledge or a desire for knowledge of the intricacies of Radio and the basic engineering principles in order that we, the people of the Class of 26, may more fully understand and comprehend the movements of the electrons each time we press a key or twist a dial. It is hoped that some of the more advanced will be able to visualize the electrons in space whilst enroute to or from the radiating or receiving element, even while suffering the effect of a magneto-optic rotation.

The class, as a whole, has struggled manfully to keep pace with the instructors and even those who found the pace too swift and have lagged or fallen by the wayside may still have hope of attaining the ultimate goal of a full ticket, becoming Chief, and of returning here as instructors to further the advance of scientific knowledge amongst the ambitious juniors who have hope of filling our shoes when we depart.

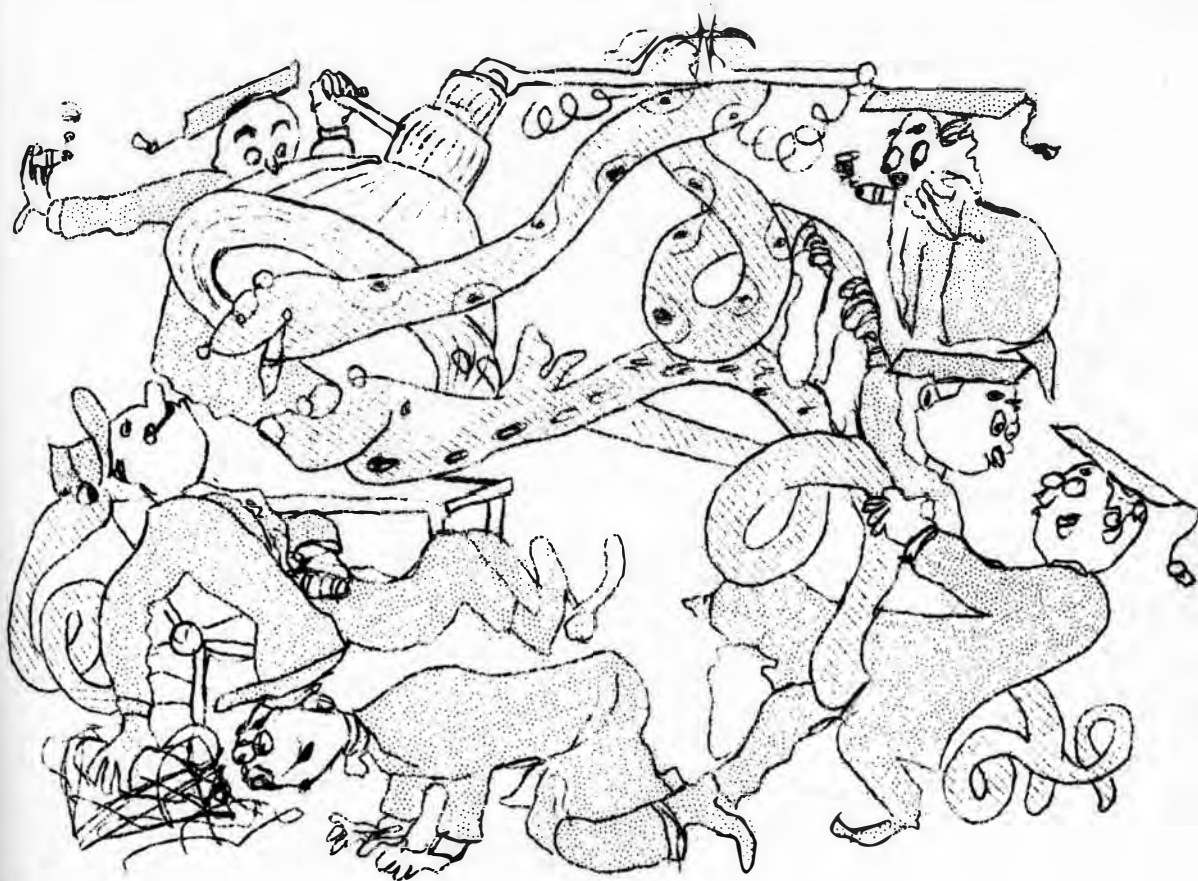




He Says He Just Graduated
from R.M.S



INDOOR SPORTS - JUST BEFORE THE FINALS



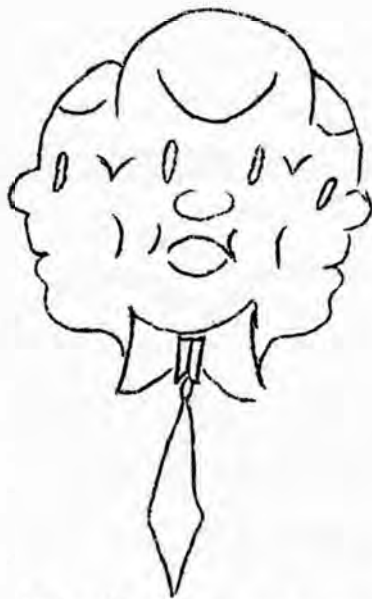
THE NIGHT AFTER TAKING EXPERIMENT R- 34 (Remember ?)

TUBE-ITUS

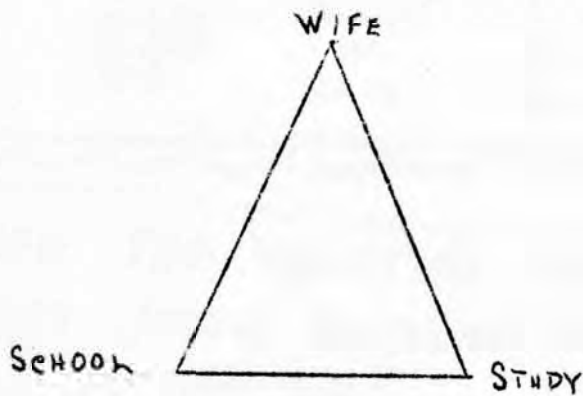
When I was young and full of hope,
 The diode tube was all the dope.
 Then came the tri-o-de and high-mu,
 The latest thing, I'm telling you.
 Next came the tetrode with its screen,
 And then the pentode hit the scene,
 We thought they surely were the last
 But from then on things happened fast.

Duo-diode, Pentode-triode,
 Pentagrid converter,
 Duplex-diode, detector-triode,
 Pentagrid inverter:
 New tubes arrived by every train,
 'Twas at this point I showed the strain.

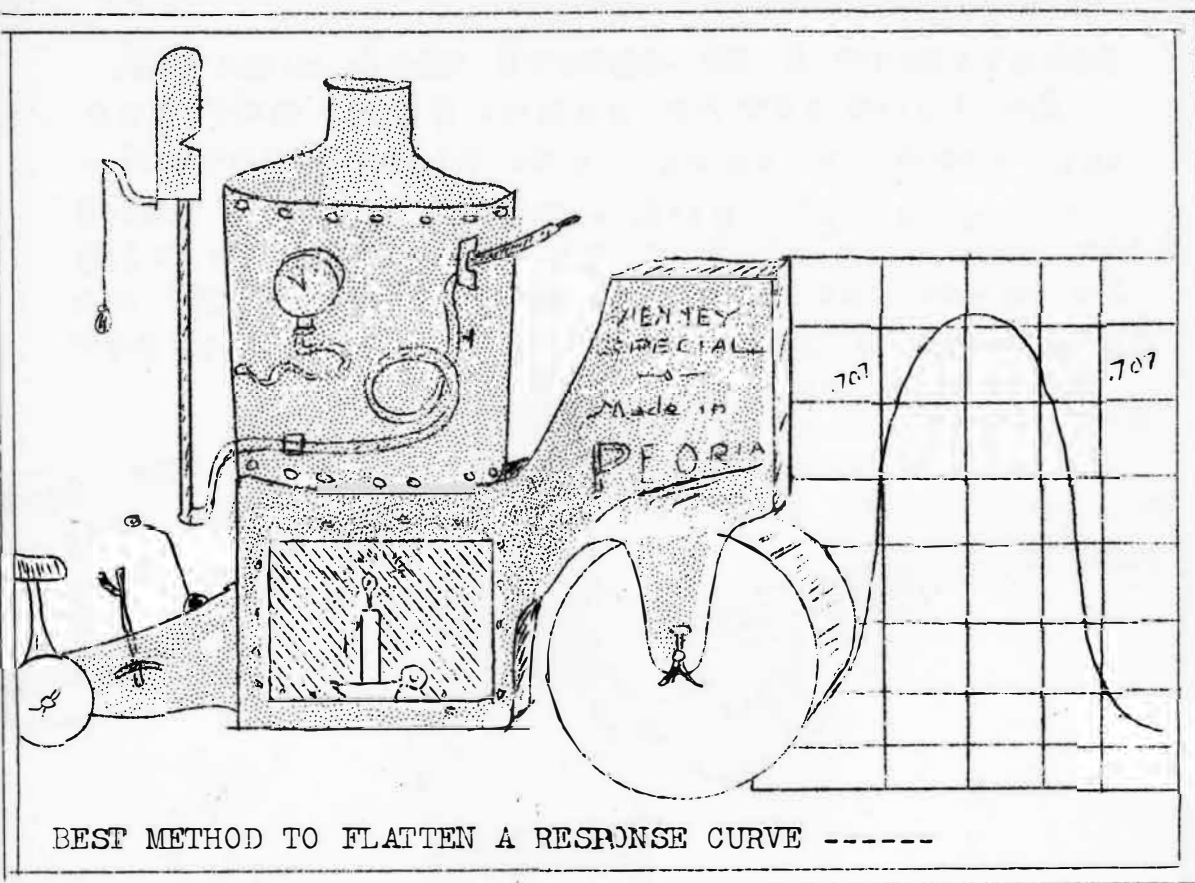
Now I am old beyond my years,
 I've got gray hair behind my ears,
 And to this world I tell my wrongs,
 Why do tubes have so many prongs ?



Polyphase



The Eternal Triangle.
of a
R.M.S. Student.



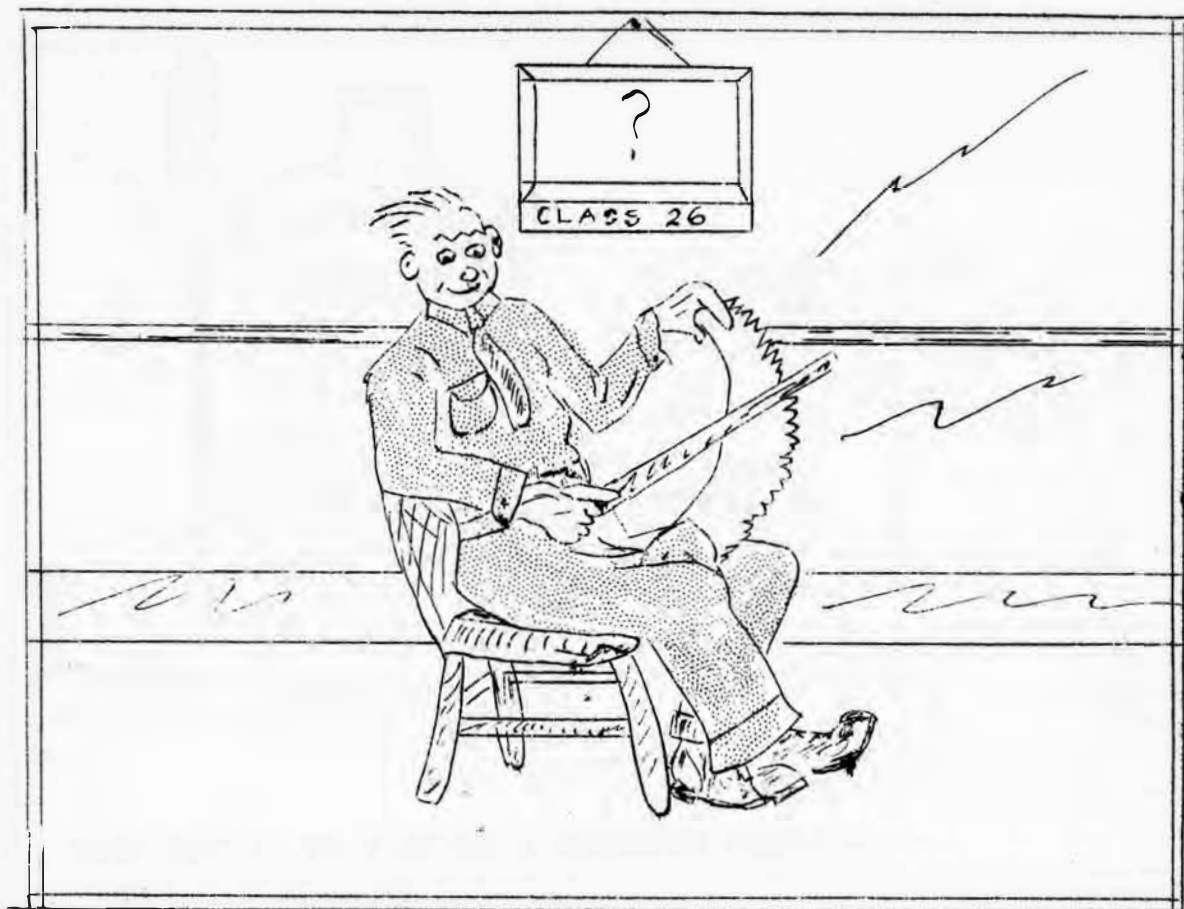
- THE SAGA OF R 34 - OR THE PHANTOM OF BELTECH-

STOUT : Say, this frequency is .00000000333 KCS low. How come ?

THOMPSON: I dunno, only I believe its that fly that has amade a six-point landing on the coil of the oscillator tank...Hnnnnmm-lets see.... hand me my Olde slippe-sticke... now the approximate wing spread is point zip zip one multiplied by the square root of plus or minus ten... say... remember what Adams said about what ye add to the secondary shall be reflecteth in the Primary. NOW, if that fly were roosting on the secondary, which it isnt, and we are doubling in that stage.. the fly would appear to the tube as two negative flies in series, or if we were tripling in the PA, doubling in the IPA- the fly would look to the antenna as if.....

STOUT: Shhhhhhooooooooosssshhh ! ; I believe I have got sump'n here. Let's get Wardwell and have him take a "zero flutter" on--- Aw SHUCKS ! ---- he flew away !!

Q... Why do the boys wear dark glasses on Monday mornings ?.
Ans; Because it is the morning after and they have so many circles under their eyes they look like targets.



Sgt. Meeks demonstrates a Saw-tooth Oscillator.

-AND THEY FINALLY GOT PUBLIC ENEMY No. 1 -

Wardwell ; What's the latest progress in the diel over the nature of cosmic radiation, Chief ?.

Jones ; Do you understand the integral co-function of the Alpha-particular secondary emanation ?.

Wardwell; (Silent)

Jones ; Well, until you do- we cannot go into that.
--O--

Adams (to class); Any questions on Inductance ?.

Class;(very silent)

Adams;All right. Tomorrow we will take up Capacity and Monday we should be in Resonance.

(AND HOW !!!!!!!!!!!)

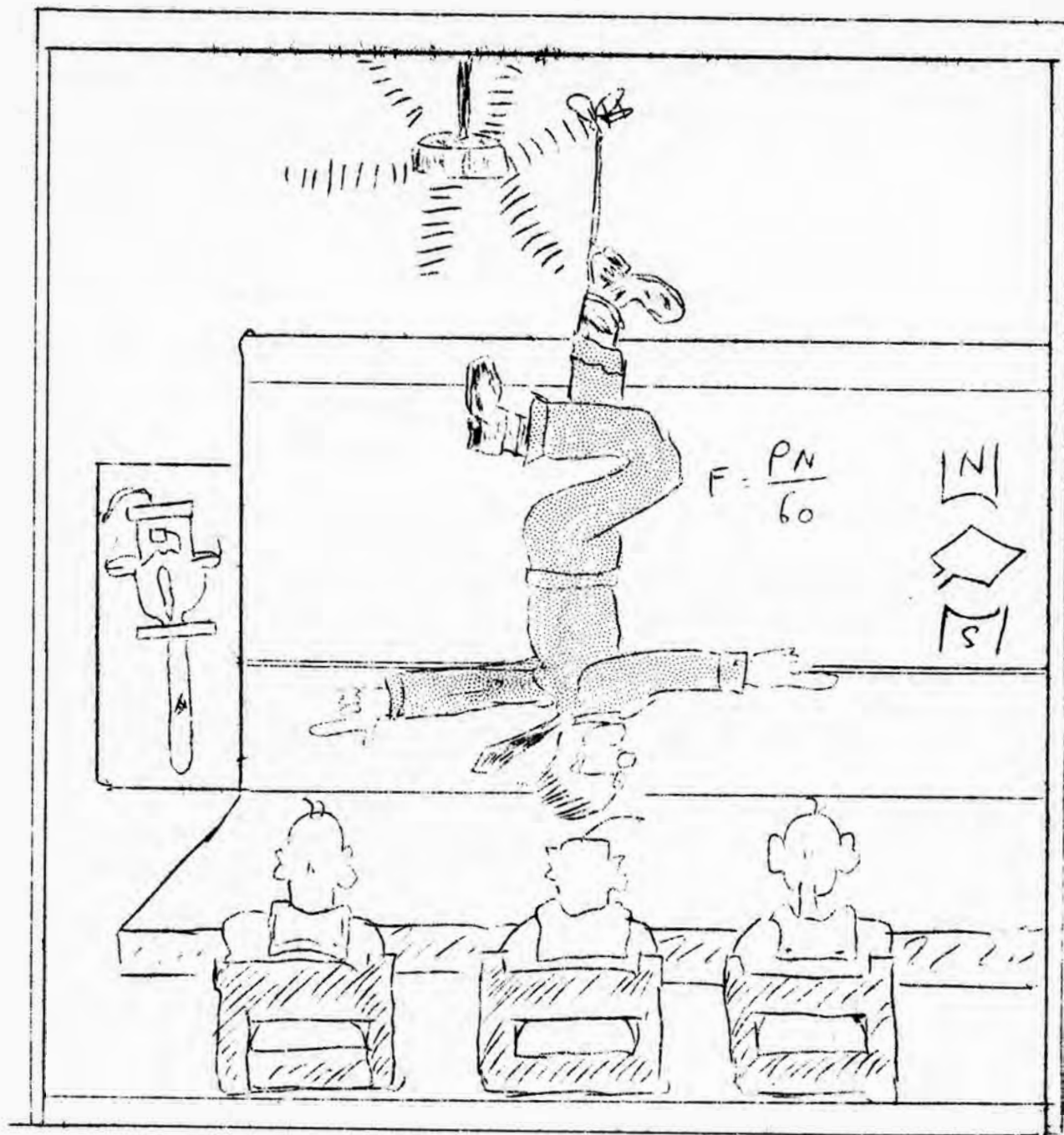
- THEY'LL DO IT EVERY TIME-

MONTHLY EXAM: Draw daigram and explain briefly .

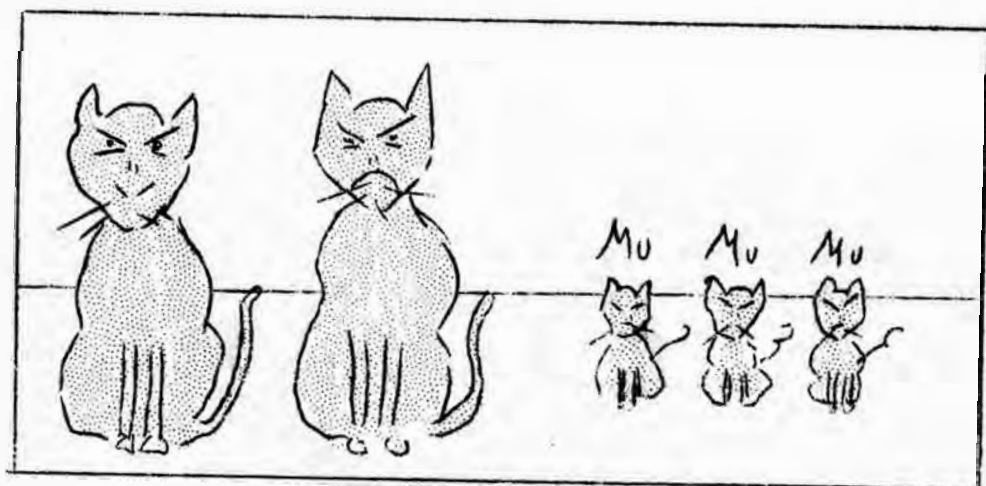
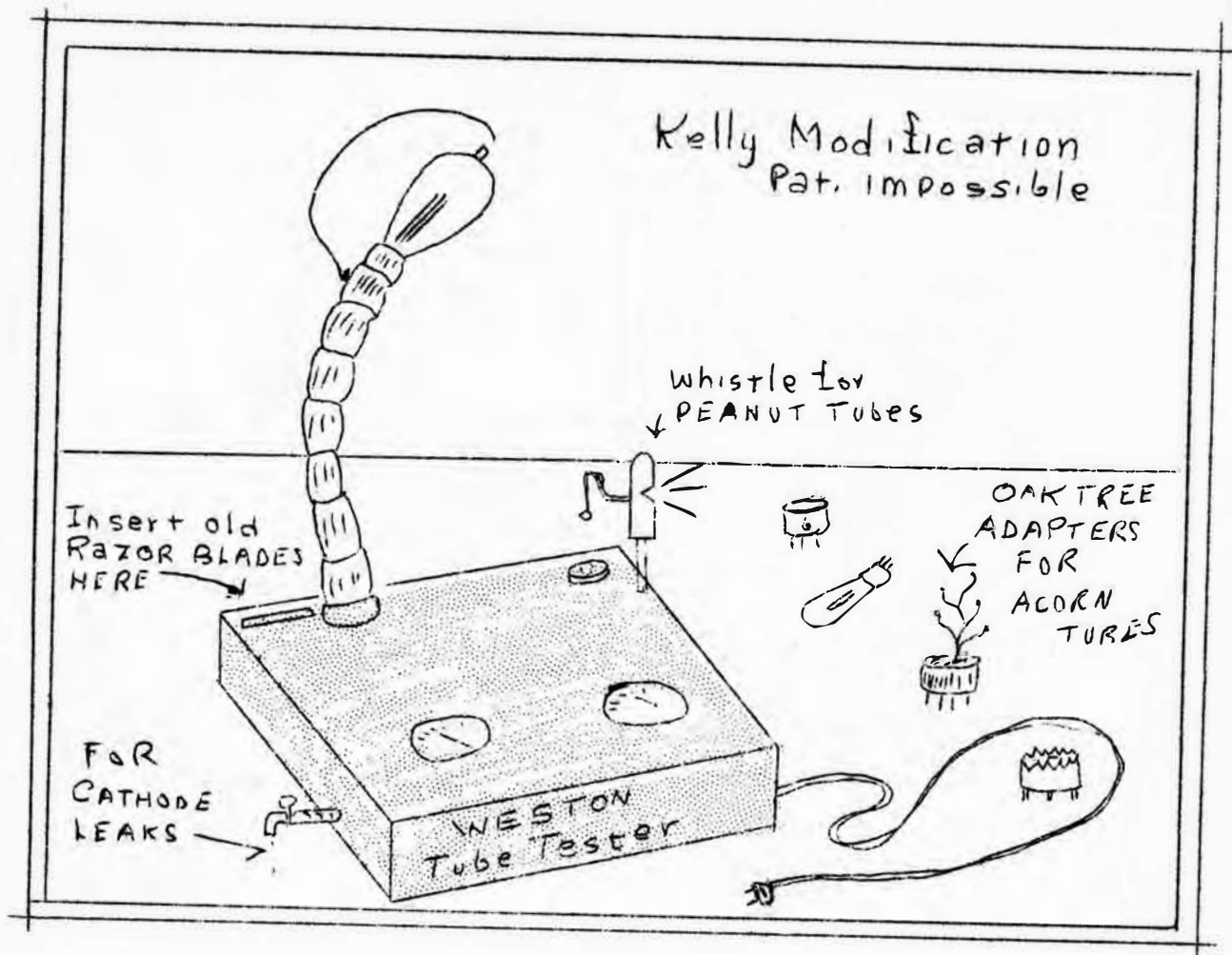
FINAL DITTO: Draw diagram and explain FULLY . WHY.



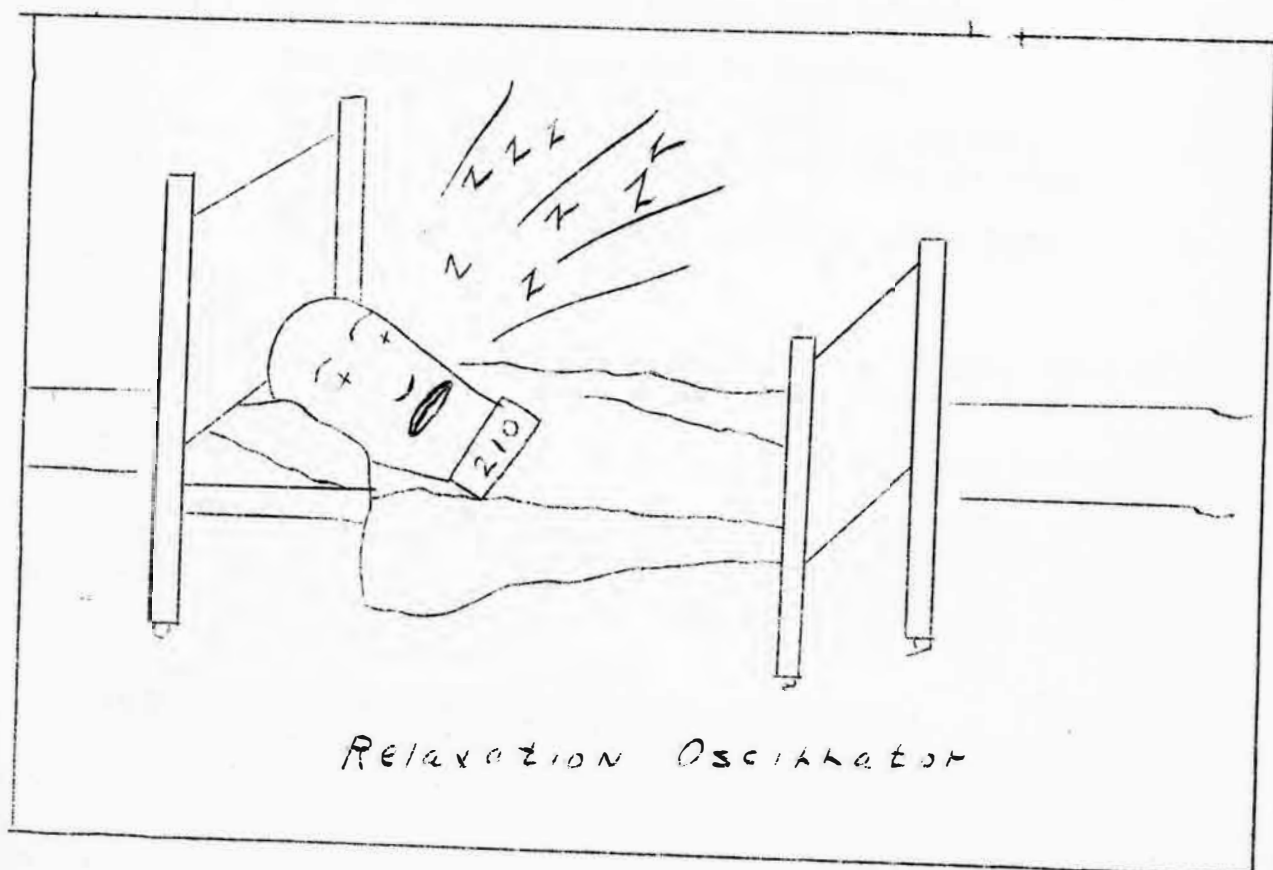
CLOSE COUPLING WITH NO REFLECTED RESISTANCE



Robbie demonstrates method of
determining rotation of motor



Amplification Factor





WIFE OF BELL-TECH STUDENT :
"BUT I JUST ASKED WHEN YOU WERE
GOING TO STOP STUDYING AND COME
TO BED!"

Le Incomprehensibles

or

Why is the Radio-Beetle allowed ?

Admittance, Capacitance, Power and Flux,
Cycles per second, and Current deluxe,
Decibels, Henrys, Values galore,
Milliwatts, Frequencies, more and more,
Inductance, Impedance, Velocity too.
Theta, Iota, Delta and Mu,
Upsilon, Sigma, Beta and Phi,
Current emissions, rising too high.

Metric prefixes of quantities used,
work-weary volumes, Marconi perused,
one-thousandth-millionth of this thing or that,
Modula-meters -- A dry rubber mat;
Coil winding data for multi-prong base,
Peak-voltage ratings (a slap in the face);
Positives, Negatives, Leads without bends,
Sometimes we wonder just where it all ends.

Transformer couplings of intricate make,
Key-thump filters, Disturbance to break;
Grounded antennas; The Hertz current-fed;
Spreaders and feeders, An "L" over-head;
Noise prevention by mercury gas,
Wave traps to capture the echos that pass.
Countless phenomena, Directive array,
Looks like we'll study for many a day.

But that isn't all we must finally know;
There are "B" supplies, "C" supplies and "HV" and low,
There are resonant elements too to devour,
There are drawings for each little tick of the hour,
There are magnetrons, Diphthongs, Consonants, Vowels,
A study of voices from Yodels to Howls.
Incessant vibrations must somehow be stopped,
And everything useless, eventually dropped !

And you, worthy reader, may enter the fold-
With the petulant young and the patient old.
But remember, my friend, E're you hasten to clasp
This bountiful wisdom so firmly in grasp;
Be advised by a layman, (and make no mistake)
Just ponder the question and then for "Pete's Sake"
Keep straight on your path, never stumble or falter,
Stand shy of that terrible radio-halter.



F I N I S

ALL OF YOU CLODS.

STIRRED BY AMBITION.

CAN NOW LAY ASIDE YOUR BOOKS

AND FORGET ADDITION.

Now that we have finished having our fun in reminiscing and having taken the regulation number of digs at our Instructors we want everyone, be he "Digger", or "Diggee", To know that it was all in fun.

We all agree that the Instructors job is no sinecure and not one of us would trade places with one of them.

We do want to express our appreciation to each of the much maligned Chiefs who have so conscientiously struggled with the demons of ignorance which accompanied most of us to the school.

To McDaniel our thanks for the insight into the mysteries of Receiver servicing and Cathode Ray.

To Jones our appreciation for his commonsense treatment of the two bugaboos of all students---Math and A.C.

To Robinson and Adams our gratitude for the splendid lectures on Radio Physics.

To Sgt Meeks our admiration for his knack in presenting a difficult subject---Vacuum Tubes, and to Rudowski our thanks for Mechanical knowledge dispensed. To ALL the Staff our wonder at how they managed to remain in good humor, and be so patient with us for SIX LONG MONTHS.

The Class.