

# TECHNOLOGY NEWS

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## Your Political Duty

YOU have an important job to do this week. And "you" means every IIT student. Sure, you've got a lot of other things to do, too. There's that lab report you have to work on, and a test coming up in a couple of days. And there's a flock of math problems overdue. But this means more than any or all of those things. A lot is going to depend upon whether you do this job—and whether you do it well.

Are you fond of sitting around in the lunch-room or any other convenient spot and griping about how poorly things are run? Chances are the answer is yes—at least if you're like most of us. It's an old American custom, this one of grousing about things in general.

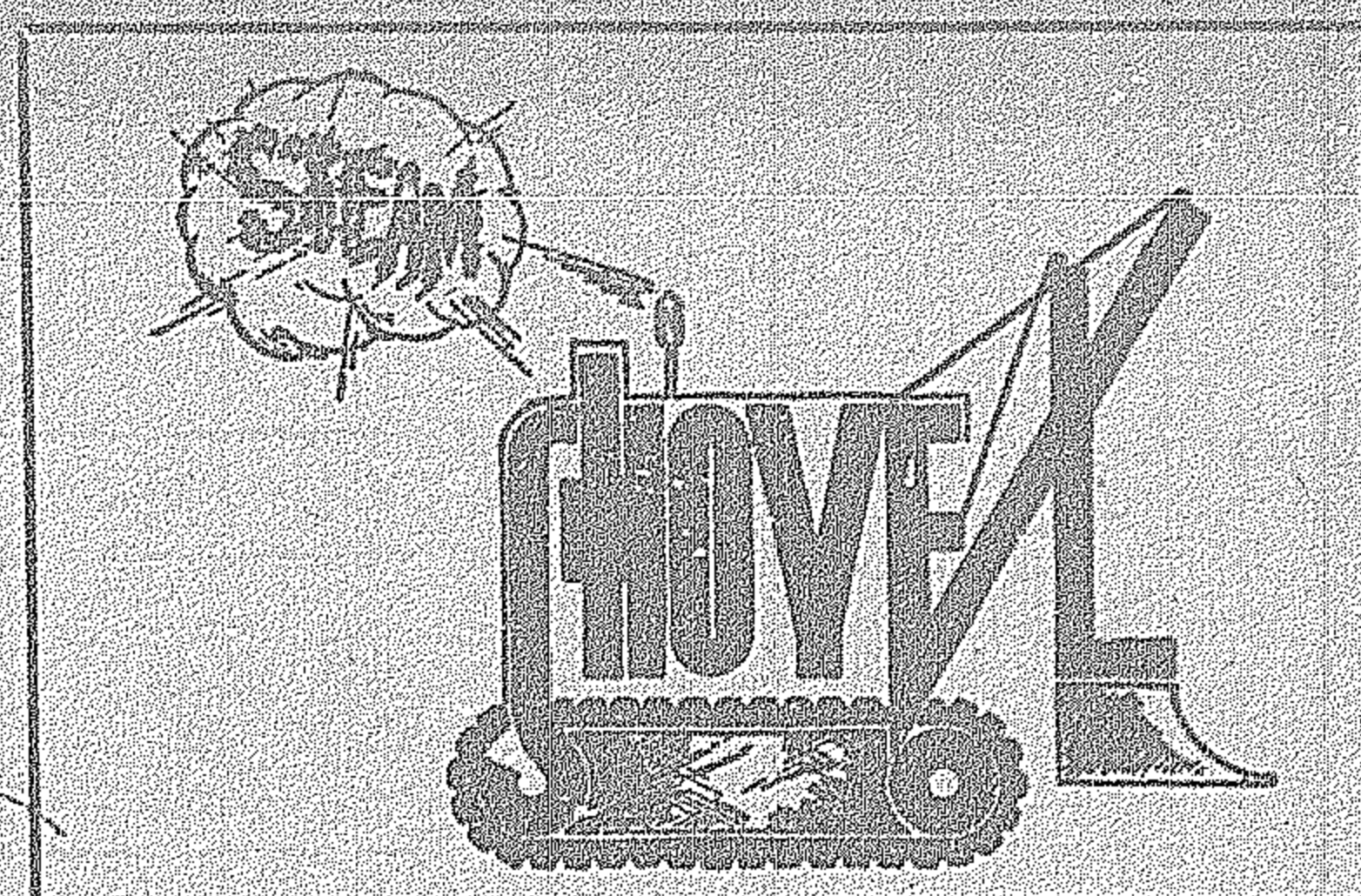
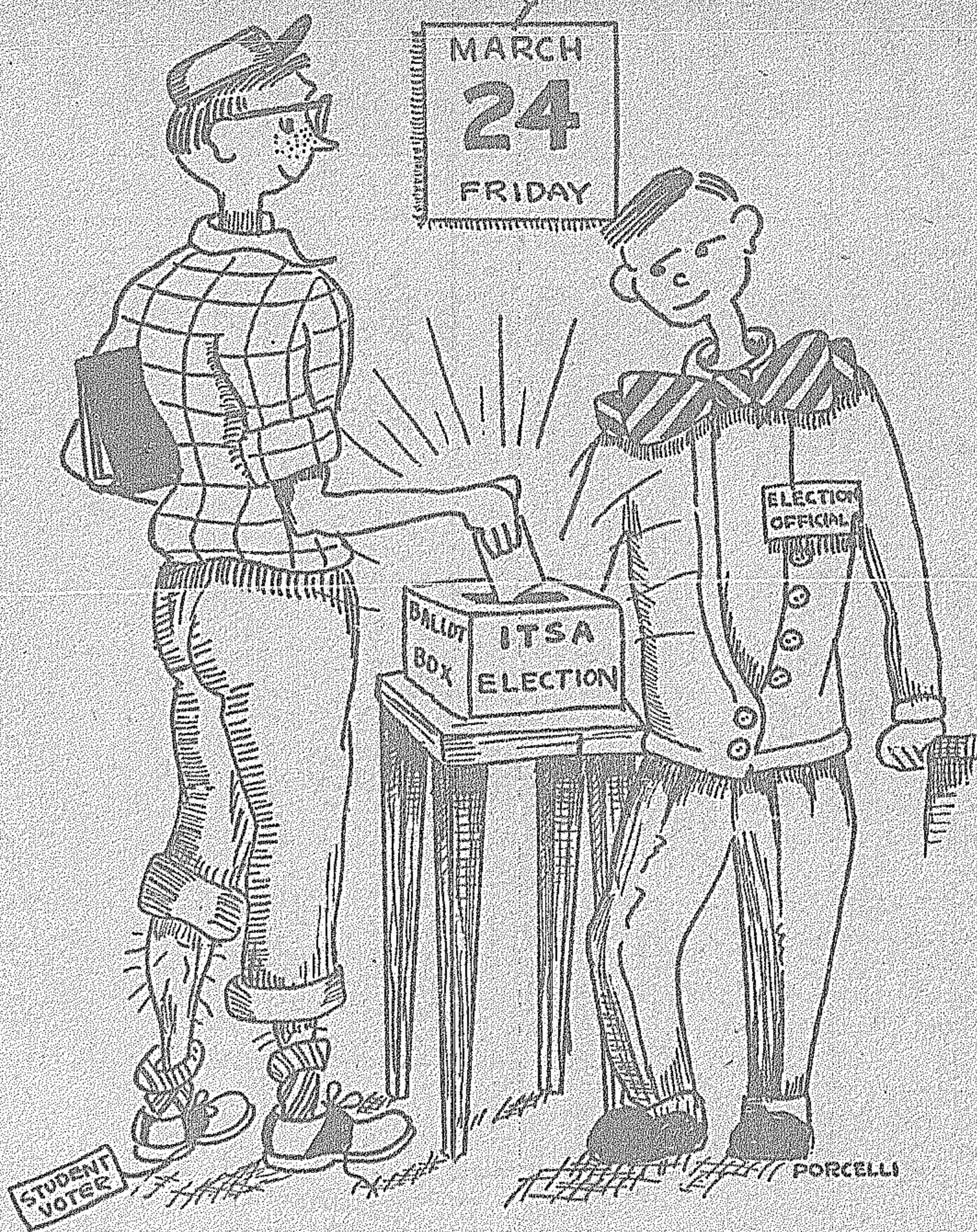
But now is the chance to DO something about the things you don't like. It's one of the few chances you'll have during the term, and if you don't grab at it, there'll not be another one for a long time.

There's a general election this Friday. You're going to elect the fellows who'll run your class for the next semester. And, perhaps even more important, you'll elect an ITSA representative, who will have a hand in governing all student activities. Remember, it's the ITSA that spends the money from your activity fees.

Certainly you're being pretty foolish if you don't vote on Friday—and vote wisely. Give a little thought to the matter before it comes time to vote. Most of the candidates are presented briefly in *Technology News* today, and there'll be an assembly this week to acquaint you further with the facts of political life at IIT. Take advantage of these. For if we have a good election—and by that we mean if responsible, competent officers are elected—there's only one group which will benefit thereby—and that's the student body.

—B. FRIED

## Your Chance To Make Changes



Land operations of the Navy were unsuccessful this week as A/S Tom Kilgariff, one of Leo's hot shots, met with an unyielding obstacle. Latest communiques have it that a protest to the Civil Engineers of the Chicago area was submitted, concerning the positioning of a lamp post in the center of the road of Tom's travel. The Civils will probably blame the Electricals because of it's being an electrical fixture which is of little comparison to the ruination of this Navy man's jeep.

Has the "Woodchoppers Ball" sounded funny of late on our juke box in the lounge? Thoughts are that the needle plays both sides at the same time. If not now it soon will be.

Tom Guvin, the well known basketball star of the "Techawks", has made quite a name for himself around Quarters No. 6 for his solo sorties in the Chicago loop area. His prestige deteriorated when it was learned that all his attempts to obtain a certain feminine party's number failed. Oh well, he can go back to those street corners in the loop for more material to work with.

When asked during a recent business policy class meeting as to how steps should be taken in order to save time in loading an automatic pencil Seymour Axelrod replied, "Get a push button pencil".

In the interests of Engineering, Bill Zechel (soph. FPE) decided upon a period of self-denial of the scourge, women. This interesting experiment went on for 41 days with Bill strongly carrying through. It was terminated with the week of freedom from the shackles in which it seems that he went plain and fancy wild. Not being satisfied in cultivating the ardent attentions of one girl (as any sensible IIT man would do) Bill had to have two. For some reason he has kept their knowledge of each other unknown.

The reason for the mournful look on Ray Kartasul's face is that his girl went South for the winter. He admits that she wasn't the most beautiful girl, or had an "oomph" figure, but that she was intelligent enough to laugh at his jokes.

While attending a social function, Dr. F. K. Richter, instructor of German, was approached by a woman who began to converse with him in Swedish. When he made it known to her that he could not understand her, the lady explained that she thought he must have been a Swede because of his beautiful blonde hair.

Oh those gay freshmen, oh those mad lovers, but never let it be said that they are the dancers; for the dance floor of the recent "Freshman Fling" was mobbed with two couples. The lounge, however, was filled to capacity.

Don Haack, the Flash, has been warned repeatedly by Jim Leichti not to step on the grating over the sump in the splash lab. It is conceivable that persons of his build might slip through one of the openings which are all of three inches long and an inch wide.

It seems that Wally Kozinski has found "that certain girl" among the Lewis coeds. This electrical is really sparking.

Leo Seiwerts and Howard Less were both dating the same girl, Myra Winston, till one night when Howard Less had taken her out Leo walked up, (accidentally of course). Leo seemed to have more on the ball as he walked Myra up to her family's apartment.

The ITSA should consider the appropriation of funds toward buying an essential item for the ASTP men prior to their assignment to combat units. This is none other than the unofficial component of standard Army equipment, African Dominoes, to which the floor space at the armory has been so rigorously subjected. Wear on these cubes is so great that they are, at present, almost spherical.

Dan Plack, electronic research genius, met with a horrifying problem when he was asked to explain the tonal qualities of music transmission by radio, to a mere layman. It seems that each was stupefied by the others views of the great problem.

Our boy Al Petronis must be slipping, or turning chicken for the lad took some gay girl, Ruth by name, home some weeks ago and lent her a sum of money. Generosity must run deep or is he expecting return on his capital? Now that she is married his credit has turned to a debit.

—BROTHER ALOYSIUS

## Research Reports—

### Higgins Finishes Biographical, Historical Research Project

—Two research projects of widely different natures, both performed by members of the electrical engineering department, are presented here this week.

The first is an ambitious reading project of Dr. Thomas J. Higgins, professor of electrical engineering. About a decade ago, Dr. Higgins set out to seek out, read and record:

I. All book-length biographies in English, both individual and collected, of physicists, astronomers, mathematicians, chemists, metallurgists and engineers.

II. All of the more important writings in English on the historical development of electrophysics and electrical engineering and on the lives and work of noted electrophysicists and electrical engineers.

At present this research has included 2200 volumes. Of the 2200 titles, 1500 are listed under the second category.

In compiling material, Dr. Higgins searched through the stacks and files of most of the important public, university and technical libraries in the middle west. He also obtained information from every other conceivable source.

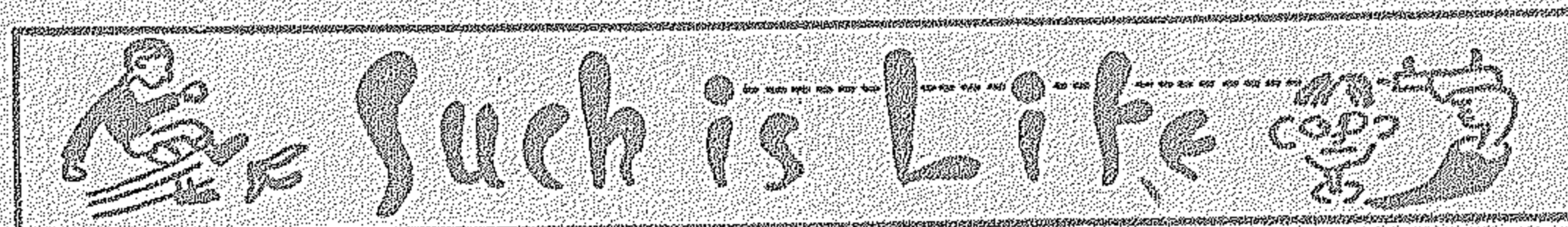
A fuller description of his work, together with a bibliography, appears in the current issue of the

American Journal of Physics.

The use of crystals as a measuring device for ultra-high-frequency waves is the problem being studied by Rodolfo M. Soria, EE instructor.

Soria plans to investigate the change in the characteristics of the crystals under various operating conditions. Such things as pressure, temperature and area of surface contact affect the operation of the crystal, and since the current-voltage relation is not linear, the resistance varies with the current flowing through the crystal.

After a thorough investigation of the various characteristics, Soria hopes to develop an equivalent electrical circuit, built up from combinations of the usual circuit elements—resistances, capacitances and inductances. Such a circuit would be designed to have the same response as the crystal under consideration, and the crystal could thus be calibrated at low frequencies.



Nowadays one always hears that "chivalry is dead", and especially is this true on the elevated. Not that one would doubt the word of the esteemed female, but perhaps a look into the situation could clear up the matter.

Take the other day, for instance, when a young man was seen to gallantly rise from his seat and offer it to a rather middle aged woman. Now she thanked him profusely and said, "You see, chivalry is not dead!" Even though he retorted with "It isn't that; the radiator under the seat is too damned hot," his was still a gentlemanly gesture.

That brings to mind the time a student was sleeping on the "L" and a short, oh a very short, young miss was hanging on the strap above him. Since she was so very short and

could hardly grasp the strap, everytime the train lurched to one side she fell upon this student, awakening him. After the third rude awakening the student offered her a seat—on his lap, of course. That certainly was a chivalrous move. The young lady, however, probably unacquainted with the ways of modern society, snubbed him, and consequently continued to wake him at every lurch.

Of course, there was the time when a fellow, noticing that the lady standing before his seat was loaded with bundles, told the lady that he would be glad to hold her packages.

Now these instances are but a few of the many which give evidence that a man has retained the nobility characterized by the knights of old. But the fickle female says, "Chivalry is dead." Life's like that.

## Let's Continue This Way

This past semester saw one of Illinois Tech's best intramural programs carried out in fine style. Touchball ran in to some trouble due to starting the semester later than usual and the adverse weather, but still came through with some good games.

Bowling produced a photo finish and all the bowlers seemed to be satisfied with the management of the tourney. Basketball was probably the best all-around tourney. Every detail was carried through on time and that double-over-time championship game was a real thriller.

This shows what can be done in intramural activities. Let's do as well this term, because of it's being an electrical fixture, which

—J. OLDSHUE