



Math Soc. Discusses Linear Algebra and Differential Equations

By RAYMOND GOLDFIELD

Dr. Frederick A. Ficken, Professor of Mathematics at New York University's uptown center, was the guest lecturer at the Math Society's meeting on Thursday, November 15, 1962 at 12:30 P.M. He spoke on the topic of **The Duality in Linear Algebra**.

Duality in linear algebra refers to the existence of an equivalent space which corresponds to a vector space. A vector space is defined as the set of elements which satisfy certain postulates. For every theorem about this vector space, there exists a corresponding theorem about this dual space. Although this topic is highly theoretical, there are several applications to engineering and the sciences. For example, the tensor product is a generalization derived from linear algebra.

This was the second of three lectures given by professors from outside the college community, sponsored by the Mathematics Society.

Dr. Harry Hochstet, Professor of Mathematics at the Polytechnic Institute of Brooklyn, spoke to the Mathematics Society on the subject of "Curve Tracing and Homogeneous Differential Equations" on Tuesday, November 27, in room 123a of Steinman Hall.

A function, $f(x,y)$, is said to be homogeneous of degree n in the variables x and y if $f(tx,ty) = t^n f(x,y)$. The first order differential equation $M(x,y)dx + N(x,y)dy = 0$ is said to be homogeneous if $M(x,y)$ and $N(x,y)$ are homogeneous of the same degree. An example of such an equation is $(x^2 + y^2)dx - x^2y dy = 0$, which is homogeneous of degree two. In general the substitution $Y=VX$, or $DY=VDX + XDV$ will transform the homogeneous equation into one whose variables X and V are separable.

Curve tracing deals with the properties of algebraic curves. Among the properties of such curves which are studied in curve tracing are symmetry, the range of X and Y for which the function is defined, concavity, extrema, singular isolated points and double points such as nodes, cusps and trachnodes.

This was the last in a series of three lectures by professors from outside the college community sponsored by the Mathematics Society.

The Student Activities Board is having a Fall Jazz Concert which will be held on December 15, at the Baruch School Auditorium at 23rd Street and Lexington Avenue. The concert features selections from Lambert, Hendricks, and Bavan. Tickets are on sale now in the Student Government Office, 151 Finley.

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AMS Hears USAF Lt. Col.

By ROSANNE LANDAU

On Thursday, November 8, the American Meteorological Society had a lecture on the opportunities for meteorology students in the United States Air Force. The guest speaker for this meeting was Lieutenant Colonel Roy Dix of the United States Air Force Recruiting Service, 346 Broadway.

Lieutenant Colonel Dix arrived at the American Meteorologist meeting, which is held every Thursday in room 308 Shepard, at 11:45 p.m. and started a brief fifteen minute speech at 12:10 p.m. His brief speech outlined the opportunity meteorologists have of becoming officers in the Air Force. After his speech Lieutenant Colonel Dix answered questions until 1 o'clock.

Lieutenant Colonel Dix brought out in his lecture that if a student had one year of physics and had taken math up to integral calculus there is a good chance that the United States Air Force would send the student to college to get his degree and then the student would have to serve four years after

(Continued on Page 3)

SFCSEA Orgainzed; Holds First Meeting

By STEVE GREENHUT

On Monday, November 19th, the Committee on Student-Faculty Relationships for the School of Engineering and Architecture met at one o'clock in the Mechanical Engineering Conference Room at Steinman Hall. The main topic discussed was the results of the poll concerning the 1963 January Graduating class. The poll was conducted by releasing 187 ballots at the placement office to see

whether or not the graduating seniors were in favor of a ceremony at the end of the fall term. Of these ballots only 64 out of the 87 returned, were from students of the School of Engineering and Architecture. As many as 82.9% of these seniors were in favor of a commencement exercise to be held in January.

Professor Bischof, the committee's faculty chairman, met with President Gallagher on

Monday, November 26th to discuss the results of the poll and possibilities for a graduation ceremony. The president did not make any positive commitments.

The proposal to form a lounge in the lobby of Steinman Hall was also briefly discussed at the meeting.

The Committee on Student-Faculty Relations was formed in 1955 mainly through the efforts of Professor Bischof. The committee consists of four student members as well as four faculty members.

The next meeting is scheduled for December 3rd at 1:00 P.M. and will again be held at the Mechanical Engineering Conference room.

Technology Council Plans Winter Events

By HERB GELLER

Technology Council, at its meeting held on Thursday, November 8, endorsed the principle of unlimited cuts for upperclassmen. The motion, which was made by Marv Genzer, AIEE-IRE, passed on a roll call vote.

A Student Faculty Tea, sponsored by Technology Council, will be held in Knittle Lounge on Friday, December 7th of this year. The tea, which will be held from three to five P.M., will give students of the School of Engineering and Architecture an opportunity to meet the faculty on a social basis.

In addition to being able to meet faculty members, students of the School of Engineering and Architecture will be able to meet the members and officers of Technology Council.

The organizations of Technology Council have indicated that they would like to reestablish the Slide Rule Basketball League. The league, which has been dormant for several years, provides the opportunity for North Campus Organizations to compete for the championship each year. Games were held in Goethals Gym on one evening of the week. If you are interested in playing for an organization, contact the chairman of the committee of your organization.

The response to the poll taken in the placement office indicates that the Graduating Seniors are in favor of holding some sort

of graduation ceremony in January. Seniors who responded favorably indicated that they would invite an average of five people to the exercise. The ceremony could be held in Great Hall, which will be renovated in time for the graduation, or in the Grand Ballroom of Finley Center.

Technology Council will endorse candidates running for Student Government Office on Thursday, November 29th. Any candidate wishing to obtain endorsement should plan to be present at that meeting.

Elections To Be Held Dec. 10-13

By MICHAEL BUCZACZER

In a recent Student Government meeting, a date was set for the Fall 1962 elections. Elected will be a Student Government President, a Vice President, a Secretary, and a Treasurer. Similarly there will be six students for each class to fill the Student Council seats. Other class officers will be elected for the classes of '63, '64, '65, and '66.

Voting booths will be set up outside Knittle Lounge in Shepard Hall and outside rooms 151 and 152 in Finley Center. The time will be from 10 A.M. to 3 P.M. between December 10, Monday, and December 13, Thursday. There will be no voting in class rooms.

All students interested in becoming candidates should file petitions in room 151 or 152 Finley no later than November 30.

The only announced candidates for major offices so far are Sam Eiferman (BEST), and Alan Blume (IRP), and Richard Weissberg for President, Bob Levine (BEST & IRP) for Treasurer, and Richard Sweidel (IRP) for Secretary.

EE's Reach Lecture Series Midpoint

By SAM EIFERMAN

On Thursday, November 8, the American Institute of Electrical Engineers — Institute of Radio Engineers presented a lecture entitled "Space Tracking Systems" in the Townsend Harris Auditorium. The guest lecturer for this meeting was Mr. Joseph Huie of General Dynamics Astronautics of Rochester, New York.

Mr. Huie spoke about the methods of tracking vehicles in space. He said that there are two types of objects these systems track, namely friendly and unfriendly missiles. Mr. Huie then discussed tracking techniques and how the tracking equipment works. A question and answer period followed.

One week later, on November 15, the same organization presented a lecture called "How Good is that Antenna?" Mr. Ned Spencer from the Wheeler Laboratories was the guest speaker.

Mr. Spencer explained how microwave antennas were once used in the lab as a toy while now they are employed daily in industry. He discussed the essential qualities that go into making a good microwave antenna and the modern techniques used in their design.

Mr. Spencer mentioned in his lecture a microwave antenna that is built from a hollowed out valley. Since this antenna is set in the ground the only way for it to rotate is with the motion of the earth. Slides showing different antenna designs were also shown at this meeting.

"In Phase," the AIEE newsletter, was distributed. The newsletter deplored the lack of attendance at meetings and said that attendance at these meetings is advantageous to engineering.

(Continued on Page 3)

June Is Busting Out All Over...

in the Microcosm office, 223 Finley. The yearbook staff is feverishly making photo appointments now for June and August graduates. Don't put it off till tomorrow, come in any day this week from 10 A.M. to 4 P.M. or give us a call at AU 3-9927 if you can't come in at these hours. No deposit on the book is required, at this time, to make a photo appointment.



TECH NEWS

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Inquiring Technographer

Question: As a prospective engineer, would you consider working on projects concerned with the design of destructive weapons?

Alvin Newman — Class 106

Probably yes, since in today's world there isn't too much place for idealism when it comes to national defense. What good is opposing nuclear weapons once the country is destroyed.



Hyman Pryluck — Class 107

I would consider working on projects concerned with the design of destructive weapons because I know that we have the maturity and sense to know when and when not to use them.



Samuel Bleeker — Class 105

I definitely would because the weapons produced would be used at the discretion of our military officials. I have a great deal of confidence in these men and feel they would use the power that we produce wisely.



Milton Heching — Class 707

Yes. I feel that the protection of our American heritage requires that we be prepared to protect ourselves from tyranny both overt and covert. This requires a strong defense, consisting of defensive weapons which as weapons must be destructive.



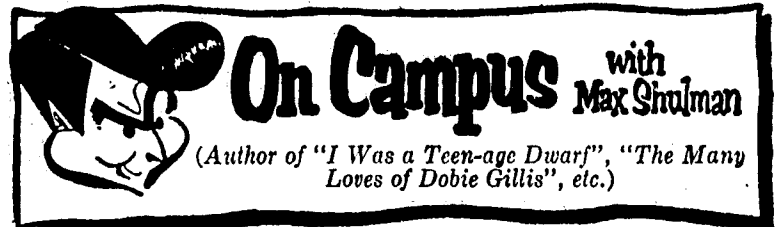
Martin C. Kofman — Class 307

I would definitely consider designing destructive weapons as these weapons are necessary protection of our country. With the threat of nuclear war ever present it is necessary for us to have some means of protecting ourselves and it is the responsibility of engineers to supply these weapons.



James F. McKeown — Class 508

Yes. A country needs to defend itself in all possible ways even if the most terrible weapons must be designed for defense. I plan on a stretch as a Marine Corps lieutenant, which should prove a ground for me using a destructive weapon — the rifle. I feel work in a defense industry is justified patriotically and career-wise.



HAPPY TALK

As we all know, conversation is terribly important on a date. When lulls in the conversation run longer than an hour or two, one's partner is inclined to grow logy—even sullen. But occasionally one finds it difficult to keep the talk going, especially when one is having a first date with one. What, then, does one do?

If one is wise, one follows the brilliant example of Harlow Thurlow.

Harlow Thurlow prepares. That is his simple secret. When Harlow is going to take out a new girl, he makes sure in advance that the conversation will not languish. Before the date, he goes to the library and reads all 24 volumes of the encyclopedia and transcribes their contents on his cuffs. Thus he makes sure that no matter what his date's interests are, he will have ample material to keep the conversation alive.

Take, for example, Harlow's first date with Priscilla de Gasser, a fine, strapping, blue-eyed broth of a girl, lavishly constructed and rosy as the dawn.

Harlow was, as always, prepared when he called for Priscilla, and, as always, he did not start to converse immediately. First he took her to dinner because, as everyone knows, it is useless to try to make conversation with an unfed coed. Her attention span is negligible. Also, her stomach rumbles so loud it is difficult to make yourself heard.



"Wash your cuffs and be my love!"

So he took her to a fine steak house where he stoked her with goblets of Black Angus and mounds of French fries and thickets of escarole and battalions of petit fours. Then, at last, dinner was over and the waiter brought two finger bowls.

"I hope you enjoyed your dinner, my dear," said Harlow, dipping into his finger bowl.

"Oh, it was grandy-dandy!" said Priscilla. "Now let's go someplace for ribs."

"Later, perhaps," said Harlow. "But right now, I thought we might have a conversation."

"Oh, goody, goody, two-shoes!" cried Priscilla. "I been looking everywhere for a boy who can carry on a intelligent conversation."

"Your search is ended, madam," said Harlow, and pulled back his sleeves and looked at his cuffs to pick a likely topic to start the conversation.

Oh, woe! Oh, lackaday! Those cuffs on which Harlow had painstakingly transcribed so many facts—those cuffs on which he had noted such diverse and fascinating information—those cuffs, I say, were nothing now but a big, blue blur! For Harlow—poor Harlow!—splashing around in the finger bowl, had gotten his cuffs wet and the ink had run and not one word was legible! And Harlow—poor Harlow!—looked upon his cuffs and broke out in a night sweat and fell dumb.

"I must say," said Priscilla after several silent hours, "that you are a very dull fellow. I'm leaving."

With that she flounced away and poor Harlow was too crushed to protest. Sadly he sat and sadly lit a cigarette.

All of a sudden Priscilla came rushing back. "Was that," she asked, "a Marlboro you just lit?"

"Yes," said Harlow.

"Then you are not a dull fellow," she cried, and sprang into his lap. "You are bright! Anybody is bright to smoke such a perfect joy of a cigarette as Marlboro which is just chock full of yummy flavor, which has a Selectrate filter which comes in a soft pack that is really soft, and a Flip-Top Box that really flips, and which can be bought wherever cigarettes are sold in all fifty states and Duluth . . . Harlow, tiger, wash your cuffs and be my love."

"Okay," said Harlow, and did, and was.

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The makers of Marlboro cigarettes, who print this column at hideous expense throughout the school year, are very happy for Harlow—and for all the rest of you who have discovered the pleasures of Marlboro.

a 3 next to the paper he wants to support the most, a 2 next to the paper he wants to support second most, and a 1 next to the paper he does not support. Listed would be the major campus newspapers, i.e. **Campus**, **OP**, and **Tech News**.

The percentage of student activity funds to be appropriated during the following term, to each of the papers from the total amount available to the press, would be as nearly proportional to the census tally as possible.

Although this plan has many details that have to be worked out, we challenge **OP** to submit to this test of how popular their political views really are.

Clarification Of An Issue

For several months the editorial controversy between **OP** and **Tech News** has grown. Initially we felt that **OP** editorials were hindering the careers of Techmen and were distorting several important "political" issues. We maintained at that time that the **OP** editorial board was being extremely irresponsible in news coverage, in editorial views, and in allowing their editorial views to creep into news stories. We were attacked not on this point but on the last paragraph of our first editorial entitled "**OP Editorials Distort and Damage**" in which we were alleged to have advocated censorship of the press.

At our suggestion, the Student Council Internal Affairs Committee considered a strongly worded motion requiring **OP** to remove the wording "Voice of the Student Body" from its flag under possible penalty of student activity fee forfeiture if they did not comply. This motion was prostituted once it was brought to the floor of the SC meeting. In one of Council's most immature and ludicrous meeting yet held, they adopted a "recommendation" to the **OP** editorial board requesting the removal of the offensive phrase. They refused to outline further actions to be taken in the event that these requests went unheeded. Excuse given: To set penalties would in effect be a form of censorship. It is indeed fortunate(?) that **OP** has replaced this phrase with "A Free Press. An Informed Student Body." But are they?

OP's November 9th issue is indicative of what we feel is a politically biased newspaper. Every article appearing on the front page involves a political controversy with the exception of "Homosexual Tape Attended by 100." Although we feel that many of these articles are slanted, i.e. political opinions are expressed by the type of news stories covered by the weight given to them, this is beside the point. We are not questioning the right of **OP**'s editorial board to express their opinions on anything they please. However, their opinions are taken to be indicative of the opinions of the whole college, since it is a student newspaper. We maintain that the views expressed by **OP** in their editorials and in their news stories are definitely not those of the college but rather of a small minority. This gives City College a reputation that we feel it does not deserve. This reputation is important to all of us, particularly the engineers, whose job opportunities can be effected by it, and we feel that it is unfair that **OP** can effect the school's name as much as other newspapers when it actually represents a much smaller group.

What we are saying here is not that the press should be censored but that there has to be a way of gauging the degree to which a student newspaper represents the students' views. We have stated that **OP** represents a minority at the college. In order to prove this and to solve the problem of the college having a false reputation, we submit the following plan.

On each SG Election Ballot there will be included a "newspaper census." In this poll the student would place

On Tuesday, November 13, we were blessed with the latest edition of CCNY's own version of "I've Got a Secret" (slightly changed to "We've Got 343 Secrets"), the Fall, 1962, final exams schedule. It is by far the most popular pieces of printed material to appear this term, barring each issue of **TECH NEWS** (no puns please). For example, the pile placed in Shepard Hall on that date was shredded into nothing in less than three minutes during the 10 a.m. change of classes by hundreds of pyrrhanna-like students. After that, any students bent on an eight week self-cathartion binge were obliged to get their copy from the Administration building, where members of the Registrar's staff were jealously guarding them and doling out one per capita (they had just had a talk about it, and, sorry, but your sick friend must pick up his own, you get only one—can't let classified information get into the wrong hands, like envious schools, you know).

Trying to swim against the overwhelming tide of tearful students issuing turbulently from George Washington's bronzen image, I felt more salmon-like than anything. After a struggle of sorts, I reached the spot to which I had been irresistably drawn, and found all copies were gone. Although I have no marked propensities to punishing myself, neither had I the desire to lay any eggs in so public a place, so I left—anyway I wasn't even born there. At the Administration Building, having . . . (no, that's too corny), I received one copy of the final exam schedule.

I have that very schedule before me.

The first thing to note is something about conflicts, and four exams, and November 16. This cannot be read too closely because I am eager to find out how bad a time I shall have two months hence. So, Thurs., Jan. 10, no exams, good. (Thursday? That's an unusual day to begin finals!); Fri., Jan. 11, 2 exams, bad; no exams on Monday the 14th, one on the 15th, and, overleaf, 2 on the 16th—but wait, Zounds, both are given at the same hour. Ho, ho, what was that on the other side about conflicts? "Students are required to report any conflicts to the Registrar's Office, not later than Friday, November 16, using a special form provided by the office." Oh well, looks as if I'll be exam-ing until the 21st, the day reserved for conflict exams and emergencies(?).

Something just does not seem right about this conflict. A bit of research shows that something is not right about it. Of the twenty students taking one of the courses, fourteen of them are also taking the other conflicting course. A slip of the slide rule shows that this is 70%, Registrar's vantage point. I am most curious to know if any other similar conflicts, say 40% or better, have been scheduled.

In general, conflicts are probably unavoidable in so large a

TECH LIFE

By RONALD ANTONINO

school. Do not forget, "... but you can't please all of the students all of the time." But why should so large a proportion of students be inconvenienced? If conflicts must be scheduled, they should be such that maybe 5% or at most 10% of the students taking the course are affected. But 70% is beyond the bound of propriety. Why are these two courses scheduled for the same time? Is there a lack of communication between the various desks, and left and right hands, in the Registrar's Office and Engineering Departments? It might argued that the two courses in question should not have been taken in the same term, according to the master plan of course sequence in that department. This is not a valid point, though, because, whether or not they should be taken together, 70% of the students in one of the courses have taken them together, and someone either did not care or know of it. The courses are not mutually dependent, and can be taken together. Maybe this is a punishment for not following the Department's general planned sequence. O.K. Good. But as most of the students in the courses will graduate by June '63, the punitive measure—which I do not think it is—comes too late in our college career to do any good. Will it make better mem-

bers of the community by finally teaching the student to follow prescribed routes? Balderdash. Rubbish. If the action does anything, and I strongly doubt that, it might encourage complacency and too great a reliance on the way that was gone before. After all, there might be some good reasons for not following the plan. If the plan is intended to be more than just a guideline, why is the student left to choose his courses, within certain framework, as he sees fit. If the planned sequence is prescriptive, and no deviations are desired, why aren't his programs made for him term by term? Free will. "In the beginning..." Shades of Peter, Paul and Augustine, I'll surely digress, so back to my sportive document.

The last paragraph on the exam schedule is a cause of great conflict, but I do not think that reporting it to the Registrar's Office will do much good. The paragraph is just the last one, almost as if it is hiding and ashamed to say what it has to say; it states that classes will end on Wednesday, Jan. 9, 1963. (I told you; Thursday is an unusual day for starting finals.) The conflict is this: why, in the name Webb and Sam Hill, must finals begin so quickly after the end of classes? At one time we used to at least have the weekend before finals began, and even this

was too soon a start. Maybe we ought to be thankful that classes do not end on Wednesday at noon, and finals begin at 2 p.m. the same day. Could not the student use more time, say a solid week, in which to prepare, to assimilate, to digest, to select, to review? It might help, but in any case I do not think it will hinder. And is it not especially unfair to the students with finals on the first day? What about those with finals on the last class meeting? We are immersed in regularly scheduled school work up until the last meeting of the last class. Where comes the time to study the whole term's work? Is it done in one night a week before? But this means neglecting on the last project or the last reading assignments. How do you make up the regular class work? You make it up by taking the time from study for the other finals and using it to complete the last week's work for those courses, that's how. Start two weeks before finals? This just brings another week into the picture without changing anything. And so on...

In my opinion, if the term were started a week sooner, or ended a week later, or if the Christmas and Spring vacation were cut to maybe two days, a study-week before finals could be provided, and would be used by most students to good advantage.

My conflict, which I make sort of public mainly because I have the opportunity to do so, can be summed up in a question to the ruling circles: Gentlemen (ladies too), **what's the rush???**

AIEE...

(Continued from Page 1)
neers in that they open up new phases of electrical engineering to them.

On Thursday, November 29, the AIEE-IRE will present a lecture by Mr. Warren S. Pope entitled "Space Craft Communications Systems." Mr. Pope is from North American Aviation.

AMS...

(Continued from Page 1)
getting his degree in the Air Force. Four years, it was pointed out, is the basic enlistment period in the Air Force.

Lieutenant Colonel Dix also said that a student could apply for Officers Candidate School seven months before graduating college and would be commissioned as a Second Lieutenant upon completion of Officers Candidate School.

Upon application to Officers Candidate School the student will be sent to Stuart Air Force Base to take a battery of physical, psychological and written exams. If the student passes these tests the student may set any date he wants for his period of enlistment to start in the Air Force.

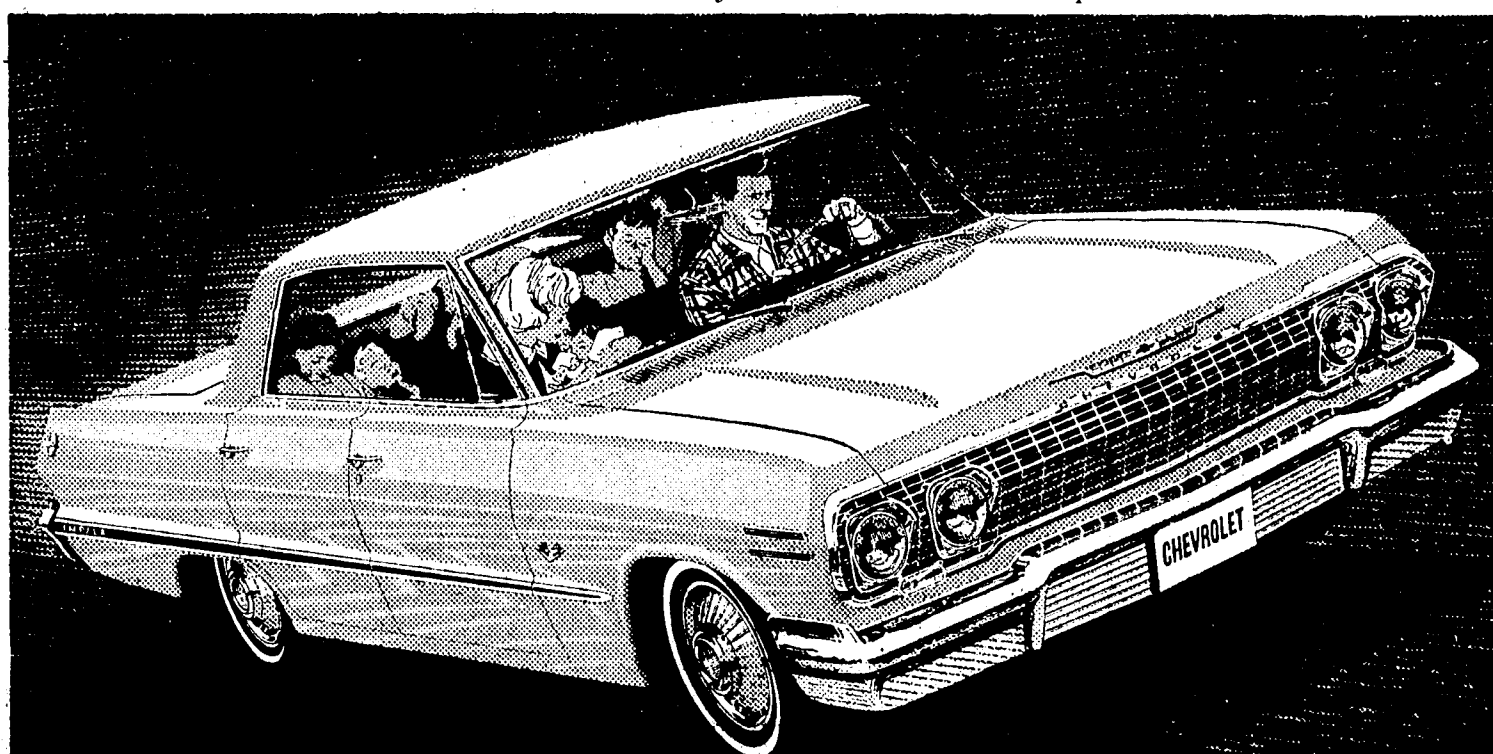
At Officers Candidate School the student will be taught leadership, military tactics, world affairs, the set up of the military, and other relative things. There is also a change for the college graduate to continue his education and if he qualifies the Air Force may pay for part of his college course.

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TUTORING IN GRAPHICS 7

Former CCNY Teacher, Professional Engineer, plans to conduct tutoring course for Graphics 7 on SATURDAYS 9 a.m. to 12 noon at NATIONAL TECHNICAL INSTITUTE, 214 W. 23rd Street, N.Y.C. 11. NOW through end of term. Register in person, or call . . .

WA 7-7478, 9-1, 2-5

or LEO PACH, Instructor
914-SW 3-5561, 8-9 a.m.
or 6-8 p.m.

Slants on Sports

by Marv Chasen

One of the less publicized teams is busily getting ready for its up and coming season which begins on Dec. 1st. The varsity Wrestling Team which holds year round practice has six lettermen returning to do battle for coach Sapora and City College. The atmosphere in the wrestling room appears to be one of great optimism with the teams biggest problem being conditioning. As a result the Coach has begun holding practice on Saturday and has sessions planned for the up and coming holidays.

This year the team is being led by Co-captains Mal Schwartz and Harvey Taylor. Schwartz, a senior in pre-med had a fairly successful season as a heavyweight last year, but will attempt by losing some fifteen pounds to wrestle in the 177 lb. class. Harvey Taylor, one of the few men ever to be elected a captain in his junior year will compete in the 137 lb. class. Last season Taylor as a sophomore did an excellent job in the 137 lb. spot and should do even better this year. The 147 lb. spot is going to be filled by Mark Millor (often referred to as "Killer Miller"). Last year Miller as a sophomore struck terror in the hearts of many an opponent by just walking out on the mat. This year he has hopes of an undefeated season. In case you haven't guessed by now Mark is an extremely muscular individual who knows how to use them.

For the first time in a number of years the heavyweight position is going to be filled by a heavyweight. Larry Silver who tips the scales at about 235 lbs. will get the spot. The team has nicknamed him "Lazazaki" which I hope is Japanese for Larry. Since the Japanese are one of the greatest wrestling nations in the world the fellas felt that Larry would compete better if he thought he were Japanese. Al Leydecker, who did not compete last year, but two years ago will appear in either the 157 lb. or 167 lb. class. Two years ago Al placed second in the Metropolitan Inter-Collegiate Wrestling Tournament so we are very glad to have him back. Al Fein, last year's 1667 lb. choice has an ankle injury, but hopes to be ready before the season begins.

In summary, this reporter feels that the main strength of the team will lie in the middle weights (157-167 lb.) with some hopeful support coming from the upper weights. As of now the lightweights (123, 130, 137 lb.) are vacant with the exception of captain Taylor in the 137 lb.

CITY COLLEGE STUDENTS

(Females and Liberal Arts Students Included)

TECH NEWS is trying this semester to increase the size of its staff. There are positions open in all phases of newspaper work for interested students.

If you are interested in holding any position on TECH NEWS please leave your name, address and telephone number in the TECH NEWS mailbox in room 152 Finley or contact SAMUEL EIFERMAN at this phone number: DA 9-2644.

slot. The team is very optimistic, for a successful season if the boys come through.

Tau Beta Pi Begins Fall Pledging

This week the students elected to Tau Beta Pi, a general engineering honor society, will begin their pledge period. Election to Tau Beta Pi is an honor highly rated throughout the country. Those elected to the CCNY chapter, Eta, are:

Upper Seniors

Bakonyuari, Laszlo; Bradshaw, Aaron; Fautale, Charles; Kircher, Walter; Kleiza Vidas; Kohn, Elliott; Kosowski Richard; Krantz, Louis; Lancevich, Edward; Langer, Steven; Leary, James; O'Dea, Dennis; Pressman, Barry; Shay, Barry; Srebnick, Wladislaw.

Lower Seniors

Dipressi, Thomas; Fein, Allan; Horowitz, Barry; Kefales, John; Rehaut, David; Rubin, Edward; Siegel, Howard; Young, David.

Upper Juniors

Furiya, George; Hoet, Peter; Lisi, Edward; Marrone, Joseph; Marcus, Stephen; Ratner, Seymour; Rosen, Hebert; Wu, Chin Tau.

Scholastic eligibility for Tau

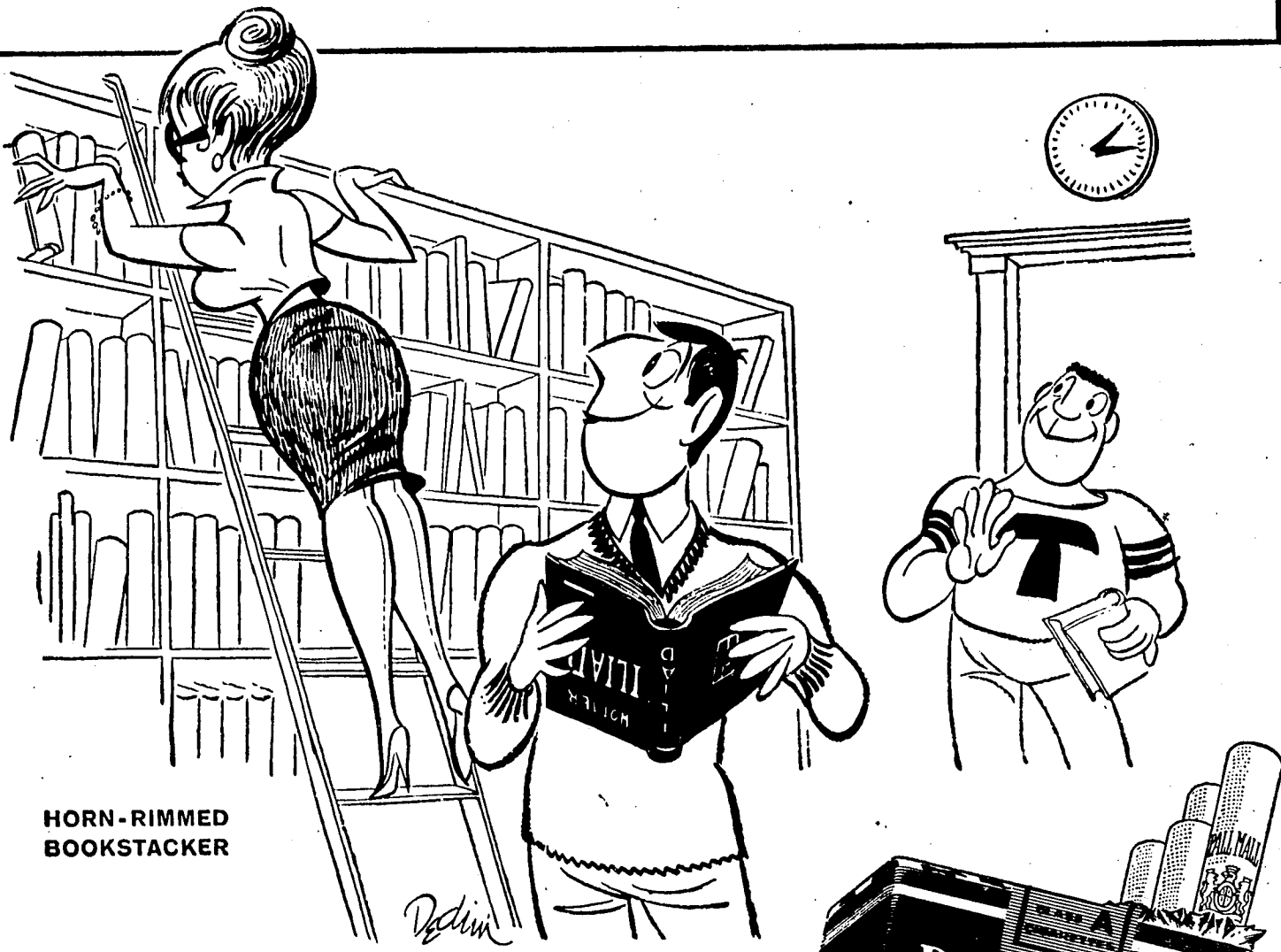
Beta Pi requires a student to be in the top eighth of the junior class or the top fifth of the senior class. The Eligibility Code of the organization also states, "Distinguished scholarship, while the primary requisite for admission must not be considered the sole criterion. After the scholastic requirements have been fulfilled, the selection shall be based on integrity, breadth of interest both inside and outside of engineering, adaptability, and unselfish activity. We consider that true integrity is the *sine qua non* for membership in Tau Beta Pi."

Pledges will be required to write a pledge essay, interview brothers, learn about the organization, and serve on a committee working on service to the school or the society.

VARSITY and FRESHMAN WRESTLING 1962-63

Day	Date	Time	Opponent	Place
Sat.	Dec. 1	2:30	Columbia (F & V)	Home
Sat.	Dec. 8	12 N	Montclair (F & V)	Away
Sat.	Dec. 15	7:00	Brooklyn Poly	Away
Thu.	Dec. 20	7:30	Yeshiva	Away
Sat.	Jan. 26	2:00	Temple	Home
Sat.	Feb. 2	2:00	Drexel	Away
Sat.	Feb. 9	12:30	F. D. U. (F & V)	Away
Tue.	Feb. 12	4:00	U. S. M. M. A. (F & V)	Home
Sat.	Feb. 16	2:00	Hunter	Home
Sat.	Feb. 23	1:00	N. Y. U. (F & V)	Home
Sat.	Mar. 2	10:00	Met. Championships	Home

Pall Mall Presents~ GIRL WATCHER'S GUIDE



HORN-RIMMED
BOOKSTACKER

CAMPUS TYPE III

The Bookstacker serves the cause of classical literature in various ways. Perhaps the least of these is in keeping the rows of books properly aligned and the jackets free of dust.

Her most important contribution is in improving the environment for study, enhancing the halls of learning with her own classical form. Many a college man has discovered a previously unfelt craving for knowledge simply because he received his copy of Homer from the hand of a deep-breathing redhead who sighed, "I think Homer is the most!" Yes, it pays to take a good look at the classics now and then.

Among cigarettes, Pall Mall is a classic—famous length, fine tobacco . . . no flat "filtered-out" flavor, no dry "smoked-out" taste. Try Pall Mall and see!

Pall Mall's natural mildness
is so good to your taste!

So smooth, so satisfying,
so downright smokeable!



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"Tobacco is our middle name"