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# THE SCHOOL OF TECHNOLOGY

## TECH NEWS

### CITY COLLEGE OF NEW YORK

VOL. XV — No. 7

THURSDAY, JANUARY 4, 1962

222

BY STUDENT FEES

## Alumni Map Fight For Free Tuition Bill

City College's Alumni Association, representing the 65,000 alumni of the college, has thrown its support behind moves in the State Legislature to restore the mandate for the tuition-free colleges to the state education law.

Saul J. Lance, president of the Association, announced that the alumni group would open a public campaign to marshal support for the drive to "plug the gap in the state education law."

At the same time, Mr. Lance called on Governor Rockefeller to take the issue out of party politics by giving it bipartisan support.

"This should not be a partisan issue," he said. "We want the Governor to join us in the fight to guarantee that the gates of free higher education will never be slammed shut in the faces of the newcomers to our city who depend on it most."

Last year, in a rider to the "scholar incentive" bill, the legislature removed the 114-year old guarantee of free higher education contained in the education law, thus giving New

York City's Board of Higher Education discretionary power to levy tuition fees on undergraduates.

Mr. Lance said, "By giving the power to impose tuition fees to the Board of Higher Education, the State Legislature bypassed the people of our city, taking away their right to determine tuition policies. The question of tuition for the city colleges is a matter of public policy which belongs to the people, not a matter of administrative decision to be decided by eleven officials." (a majority of the BHE.)

Mayor Wagner has already called on democratic legislators to introduce bills restoring the mandate for free higher education and Assemblyman William Kapelman, a CCNY alumnus, has announced the prefilling of a bill to accomplish that purpose.

In making his announcement, Mr. Lance said that the Alumni Association would enlist the support of thousands of students at the city colleges and their parents to distribute leaf-

(Continued on Page 3)

## TIIC Becomes The "Technology Council" As Amendments Pass

### Council To Have Six Members At Large

By SAMUEL EIFERMAN

At the last two meetings of the Technology Intersociety Interfraternity Council, December 14 and December 21, the council's attention was focused on plans for next term's council. At the December 14 meeting the council voted on the amendments to TIIC's constitution that were brought up at the November 16 meeting. The first amendment which states that TIIC will have six representatives in addition to those from the member organizations of TIIC was passed unanimously. This means that six representatives will be elected from the School of Technology next term, two from each lower class

and one from each upper class. The next amendment that TIIC drop the two I's to reflect its new status passed unanimously also. This means that the Technology Intersociety Interfraternity Council will be called the Technology Council next term. The third amendment that all major officers of TIIC be elected in the general election with the six representatives was withdrawn. The next amendment considered by the council at this meeting was an amendment to give all organizations only one vote on TIIC and it also passed unanimously. This will replace the present system whereby "major organizations" received two votes on the coun-

cil. Another amendment that any two or more organizations existing together in name, collecting dues as one, and having joint activities shall be entitled to only one vote on the council was passed unanimously too. At this meeting the council also discussed asking Tech News for a column to be written by the council so that communication between the Technology student and the council would be improved.

At the December 21 meeting the council finally received the official resignation of Chi Epsilon from TIIC. The council at this meeting also set up requirements for the office of President of the Technology Council. The requirements set up were: 1 — Must have served at least one term on the council or must have been either president or vice-president or its equivalent for two terms of an organization belonging to the Technology Council. 2 — Must be a member of an organization in good standing or a Technology student. 3 — Must be an upper classman by his term of office. 4 — It was announced at this meeting that at the next meeting of TIIC on January 4 elections of officers for next term will be held. Those who were nominated — at this meeting with their qualifications are: President — Jerry Kohn — TIIC rep. from SAE one term, vice-president SAME spring '61, treasurer SAE & SAME fall '61, secretary SAE spring '61, secretary SAME fall '60, and operations officer SAME spring '60. Frank Ferrara — TIIC rep. from Tau Beta Pi, Corresponding secretary TIIC, and president of his House Plan. Vice-President — Samuel Eiferman — TIIC rep. from Tech News, Student Council rep. two terms, rep. on the Student-Faculty Bookstore Committee, Freshman Advisor in House Plan Association, Circulation Manager of Tech News, and ran on Your Engineering and Reform during the recent Student Government election. Kenneth Rosenberg — TIIC rep. from SAME, and served on committee which formulated Your Engineering Slate. Treasurer — Michael Barnett Rukin — TIIC rep. from Tau Beta Pi, treasurer of Eta Kappa Nu, and President, Vice-president, and treasurer of Tau Beta Pi. Recording Secretary — Ed Rosenthal and Lucinda Maternal. Corresponding Secretary — Calvin Zauderer and David Gurack. Nominations for office are accepted until voting has begun for the positions. The last item discussed at this meeting was the formation of a committee to suggest improvements for the School of Technology to Student Government.

## AIEE-IRE Lectured On Data Processes At IBM

Forty-five members of the CCNY chapter of the AIEE-IRE ventured forth last Thursday (Dec. 28) on what proved to be a most informative and enjoyable field trip. After a two and a quarter hour bus ride under trying conditions (snow, rain, etc.), the group arrived at the Education Center of the IBM plant in Poughkeepsie.

Following a short coffee break and a welcoming address, the group was given a lecture on EDPM (Electronic Data Processing Machines) by Mr. Hugh Henig. Mr. Henig explained the evolution of data processing from the "single clerk method" up to and including today's computer methods.

In small businesses and unit operations it is possible to have a clerk who performs all the operations. He receives incoming material and a knowledge of what has to be done with the transactions, which he gets from his instruction manual; he operates on the material, making appropriate entries in his files and then submits reports on the work he has done. If the volume of the incoming material increases, such that one clerk alone cannot handle the work load, it is not just a simple matter to hire another clerk and duplicate the above system; for each clerk must have access to the current, up-to-date file that is in use. With several clerks this system can become both laborious and inaccurate.

Mr. Henig then went on to show how IBM has developed a system which electronically collates the work of many such "clerks" into a data processor. Inputs in the form of punch cards, paper tape, magnetic tape and more recently the optical scanner can now replace the so-called "in-basket." The data processor, with the aid of a form of

instruction manual (programming information) can now operate on the transactions and give printed results and key-punched cards which may be used as files.

The main advantage of a data processor is the great speed with which it can perform its operations. It is neither more accurate or more beneficial to the business than a clerk, however, one can readily see the advantage of its vastly increased speed. In the present state of the art, the speed of output in the form of key punch cards is not sufficient to meet the work load requirements of many industries and several other files or "storage devices" have been instituted. The system that uses tiny doughnut shaped magnetic cores is aptly called "the memory," because the cores remember "bits" of information. An interwoven device that, holds an enormous number of cores on a card approximately eight by eleven inches, called a "core-plane," can hold as many as 300,000 bits of information. Magnetic tape storage devices have two main advantages; firstly, a 2400 ft. roll of magnetic tape can store as much information as a stack of IBM punch cards over seven stories high and secondly, when stored information is no longer needed it can be erased and replaced by new data without the destruction of the tape. However, the readout speed of magnetic tape, which is about 62,000 bits per second, is slow compared to the relatively instantaneous core readout time. Another device that combines some of the better features of both the magnetic core and the magnetic tape storage devices is the Random Access IBM 305 RAMAC system. This device consists of forty magnetic

(Continued on Page 3)

## New Profs in EE Dept. Show Varied Backgrounds

### Mr. Oh

Mr. Oh is a sharp looking, 26-year-old man who came to America as a rotary exchange student from Korea. He went to the University of Colorado and was graduated from it in 1959.

He found a teaching job at City College to be the best and most convenient opportunity available since he not only wanted a job but also desired to continue his studies. He is now working in the Electrical Engineering Department of the School of Technology teaching Circuit Analyses and various lab courses.

So far Mr. Oh has been at City College approximately four months. He thinks that the college is comprised of an interesting student body and he likes the fact that all the pupils are chosen on a basis of academic ability alone.

Mr. Oh worked in an I.B.M. Development Laboratory in Poughkeepsie before he came to New York City. It was hard for him to get used to the bustling city after seeing the huge, desolate mountains of Colorado. He admitted that he preferred Colorado to our city.

A note for the girls — Mr. Oh is unmarried. If he had the time he would attend more concerts, and do more reading on international politics.

### Phillip Greenberg

Mr. Greenberg is a native of Brooklyn. He was graduated from C.C.N.Y. last year and is now teaching in the Electrical Engineering Department of the College.

At the present time he is engaged in studies at Brooklyn Polytechnical Institute where he plans to go for his Ph.D. in circuit theory. He feels that Electrical Engineering is the field of the future.

Mr. Greenberg doesn't feel uneasy, as many may think he does, in teaching in the same school that he had recently been been so active in as a student. He was the editor of Tech News, Treasurer of the I.R.E., and in the Phi Lambda Delta Fraternity. It is not entirely impossible that he would get one of his former fraternity brothers as a student.

Mr. Greenberg likes to teach and I imagine that he does it well. He feels that the students at City are definitely above average and are very well prepared after graduation to go on to graduate studies.

His advice to all of us is to study hard and not be narrow-minded and self-centered. Mr. Greenberg also stresses the importance of extra-curricular activities. He feels that one can make time for anything.



# TECH NEWS

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## Book Review

**Mechanical Engineering for Professional Engineers' Examinations, Including Questions and Answers for Engineer-in-Training Review** by John D. Constance, P.E., Engineering Registration Consultant. 447 pages. 227 illustrations; 5 3/8 x 8; McGraw-Hill; \$10.00. Publication date: January, 1962.

"Mechanical Engineering for Professional Engineers' Examinations" is designed to prepare the professional phases of the various state examinations for mechanical engineers. It provides the license candidate with an all-inclusive treatment of what he can expect in the state examination.

The first six chapters present a comprehensive picture of what the mechanical engineer needs to brush up on before he digs deeper into the more advanced phases of the professional questions the state board will ask. The approach here is a pure question and answer one. These six chapters deal with mechanics, machine design, gearing, mechanism, hydraulics, and thermodynamics.

The remaining twelve chapters of the book delve into the more advanced phases of mechanical engineering. Here there is a quick discussion of theory together with many questions and answers from past state board examinations for most states. These chapters deal with fuels and combustion; the steam power plant; steam engines; steam turbines; gas turbines; internal combustion engines; pumps; fans, blowers, compressors; heat transmission, refrigeration; heating and ventilating; and air conditioning.

Among the book's special features are its question-and-answer style which duplicates the form of the material the candidate will meet on the exam. There are also extra exercises at the end of each chapter to allow the reader to check his knowledge. Questions from the most recent state exams are included, covering topics like supersonic flight, psychrometric problems above atmospheric pressure and nuclear power. Another special feature is an extensive list of reference books.

John D. Constance is a licensed Professional Engineer in New York and New Jersey, and Engineering Registration Consultant. He has been helping prepare engineers for state licensure in many states for over 18 years and this book is a direct outgrowth of his experience. Mr. Constance has been associated with refresher course work of the ASME, ASCE, AIME, AIEE, and NYSSPE in New York City. He has also conducted orientation courses for the U.S. Army Signal Corps at Fort Monmouth. A recognized authority on licensing, Mr. Constance has conducted programs for a large number of industrial firms to improve personnel. He is a member of the National Society of Professional Engineers and the New York State Society of Professional Engineers and holds the Certificate of Qualification from the National Bureau of Engineering Registration.

## THIRTY

By MAURICE BLUESTEIN

It's all over but for the shouting. Four and one-half years have come and gone, and because of the trifling that is January graduation, I will be shouting alone. The end will be far less robust than the beginning, as I entered City with one of those boisterous September classes that felt the bite of the old registration system. And this is perhaps the way it should be; the man himself can best assess the value of his stay. The past years have been for me years of enlightenment and of discouragement, of strength and of weakness, of gladness and of despondency, of success and of failure. We encounter all these feelings sometimes in our lives; but the true measure of one's college education lies in how much the former overshadows the latter emotion but in the former has been the result of the latter. To reach the just conclusion necessitates taking it from the bottom to the top, from the first orientation at the Baruch School where one of the ROTC Guards fainted while at ease, to the last final exam in the drip-drip of the porous Goethals gymnasium.

The most significant penetrations into my mind have been made by the people of City College. In my high school years, we were all so carefree. I recall the reaction of us students when we discovered that a member of the biology department staff had been dismissed because of Communist activities. How we smiled and joked about it all. I suppose that at that time the thought of intimate contact with persons wholly opposed to our way of life was so far-fetched as to be downright funny.

It has now ceased to be funny. I now count among my fellow students avowed socialists and avowed Marxists. I now can pick up the journals and read of the activities and statements of seemingly "fanatical" leftists and rightists and know that such people do exist. I am grateful to these people for waking me up to the fact that a way of life is fought for and defended against, it does not sit around at one's beck and call.

I have seen the power of inflammation of the masses at work in my fellow students. Jumping at the chance to support the cause of "liberalism" the zealous have grabbed their "Ban the Ban" buttons and marched off for the cause of liberty everywhere; they have grabbed the first canister to come along to collect money for their favorite charity, they have sold their souls to Dean Peace so that they shall not be herded like dogs into useless civil defense shelters. Forgive me if my sarcasm is showing, but these events have gone well to instruct me on the value of examining procedures thoroughly before taking my step. I do not say that charity collection is wrong, but how many of our charity collectors know what the disease really is that they are fighting, or where there collected money goes?

I have been privileged to sit in the classes of some of the best teachers with some of the finest students; teachers who have not taken advantage of their authority as head of the class to usurp fairness in the classroom. They have accepted criticism as it should be accepted; they have meted out criticism as it should be meted out. They have demanded only that which they could give in return. They have been friendly without being a friend; they have not waited to be asked before giving much-needed advice.

A famous man once said that if a person has made no contribution to the world, if the world or any facet of it would be the same had he lived or not, he has surely not lived at all. The teachers I have had have fulfilled their requirements, for I owe to each of them a portion of my existence in the world. Whatever I shall become in this life, I owe each a part.

Special thanks to Prof. Ierardi who taught me the true discipline of vigorous exercise; to Prof. Lowen who showed me the value of activity and service in fields other than those directly concerned with the engineering curriculum; to Prof. Baldo who showed me that the most intelligent of men can reduce the most technical of topics to a very simple and easily understandable concept; to Prof. Vigdor who proved to me that a teacher need not be in the limelight nor have his virtues preached to the multitude to be a most effective instructor; to Mr. Todorovich who formed for me the sound, basic physical principles so necessary in engineering; to Messrs. Avallone, Bergmann, Burns, and Hartman who by their sharp wit and swift repartee in combination with a talent for getting the message across made classes not only informative but most enjoyable; to Prof. Hutchins, who may frown upon the sentence structure presented here, who has at least made me aware that one's grammar is occasionally incorrect; to Messrs. Anderson, Kent, Koplik, Repetto, Steinhauer, Pistrang, Sorrentino, Steven Chen, Katz, Maurer, Voulgaris, Morrow, Wagreich Cohen, Freilich, Stoneham, Soodak, Dobrohotoff, Halasz, Majer, Mack, Sas, Gaines, Burt, Gondin, Harvey, Thonassen, Behrman, Rider and Sperling who I wish space enabled me to say some kind words about.

It has been a pleasure sitting with some of the greatest guys in the world; people who have yet to become great engineers, but have already become great friends.

I have been luckier than most in that I have been allowed to express some old-fashioned sentiment that all of us feel to some extent. To close, let me echo the fact that at the root of the being at the hub of the id, the person is determined by the parents; they produce the most profound influence, they determine the moral standards and the character. I have much to thank them for; so much that I will not endeavor to say so here, because any words would prove so insignificant in the light of my feelings as to make the matter ordinary, mundane, and inconsequential.

## Election 'Spection

Congratulations are in order for Fred Bren, Richard Schepard, Richard Weisberg, Ira Blum, Linda Graber and Michael Wachtell on their recent election to Student Government Offices. We feel that the Reform platform on which these candidates ran (with the exception of Mr. Blum) will be highly beneficial to the entire college community. We strongly agree with the platform's intention to assert the powers of the Student Activities Board and with the policy of having the various federations such as IFC, House Plan, and THIC administer its member organization's publicity, room assignments, and a "first check" on its member charters. We hope that the problem of tuition at the College will never materialize into anything more than the suggestions of a few men who do not realize the harm they would inflict if tuition were ever instituted at the College.

We note briefly that the speaker ban referendum was soundly defeated and with the lifting of the ban the much-publicized issue has fallen from the newsworthy to the noteworthy. We do not agree with the reform platform's idea of a bookstore outlet on North Campus. We feel that this would overcrowd the already limited room facilities on North Campus and the cost of instituting such a setup would only be reflected back to the student by increased cost of texts. There is some mention of the high price level that is maintained at the bookstore which we feel is unwarranted. The prices at the bookstore last term were lower than most other college stores and, surely, no-one can wish to have a bookstore operating at less profit than ours did. The total profit on its gross sales was somewhere in the neighborhood of one per cent; how close can you shave a peach.

Two other items are necessary to itemize herein. Firstly, the cafeteria situation and secondly, the method of distribution of student fees. It is our opinion that the cafeterias are run in such a manner as to be grossly insulting to the intelligence of a college student. Food is handled in a manner as to discourage eating. Students are treated discourteously by both cafeteria employees and Burn's Guards (?). Prices are high and the quality and quantity of food is low. We feel that the solution to the problem lies in the management's interpretation as to the purpose of the cafeteria. We like to feel that the purpose of the cafeteria is to provide a source of inviting high quality, reasonably priced food as well as an atmosphere of cordiality in which a student can eat and relax in leisure and comfort. We feel that a definite need has arisen for the publication of a fee allocation formula. This in our opinion is the heart of the fee problem; namely, there is no set method as to the distribution of fees. We hope that those people who have been newly elected will strive to their fullest to arrive at some workable solution.

TECH NEWS will remain as a bi-monthly publication even with its newly attained status as a school newspaper. We feel that we can best serve the college community by supplementing the other publications and we intend to remain "TECH NEWS." We strongly urge those students who have up to now not taken an active interest in their political college lives as well as their academic college lives to try to devote some time to extra-curricular activities either in the form of Student Government or in the form of ACTIVE membership in an organization on campus.

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## Blum

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# umni... **RED, White & Blue**

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and collect petitions as part of an educational campaign to inform the public.

Our position is a simple one," continued. "This is a time when our democracy is desperately in need of broadening and extending the opportunities for the far less educated for our most of those students, not a time to restrict and curtail those opportunities; the majority."

Years have the only common argument, of the heard from those who deny, of tuition," Mr. Lance went on to say that a uniform policy is necessary throughout the state. But it is a barren argument. Uniformity for the sake of uniformity may make for administrative convenience but it leads to educational sterility. This country did not grow strong and didn't have been in uniformity but in years, diversity of ideas and of in-when we nations." "The people of this staff had," he concluded, "were far we smiled advance of their political thought of ownership over a century ago way of life in they made clear their will establish a free city college which intellect was to be the criterion for admission. Our is just as firm today to the educational clock from g turned backward."

EE-IRE

eld Trip

Continued from Page 1)

each containing one-hundred concentric rings, stacked above another and have in-between the disks standing procedure readout arms. The discs rotate at a speed in excess of 10,000 r.p.m. and the data seek time is approximately .1 seconds; whereas in the magnetic device the data seek time is from 1 to 45 seconds depending on the position of the disk and the position of the information being sought.

The functions of computers today can be divided into three main groups; Control of Mechanical Systems, Simulation (Models of Problems) and Design. In answer to a question as to the possibilities of a computer making a mistake, Mr. Freilich said, "Machines never make mistakes, they malfunction only man can make mistakes."

After viewing a film entitled, "The Information Machine" and a closed circuit television demonstration of the 1401 Computer system the group adjourned for lunch. This was followed by a tour of the main plant where the EE's were shown the various manufacturing processes involved in the construction of an IBM machine. The group returned to the college after what was considered by all to be a well-spent day.

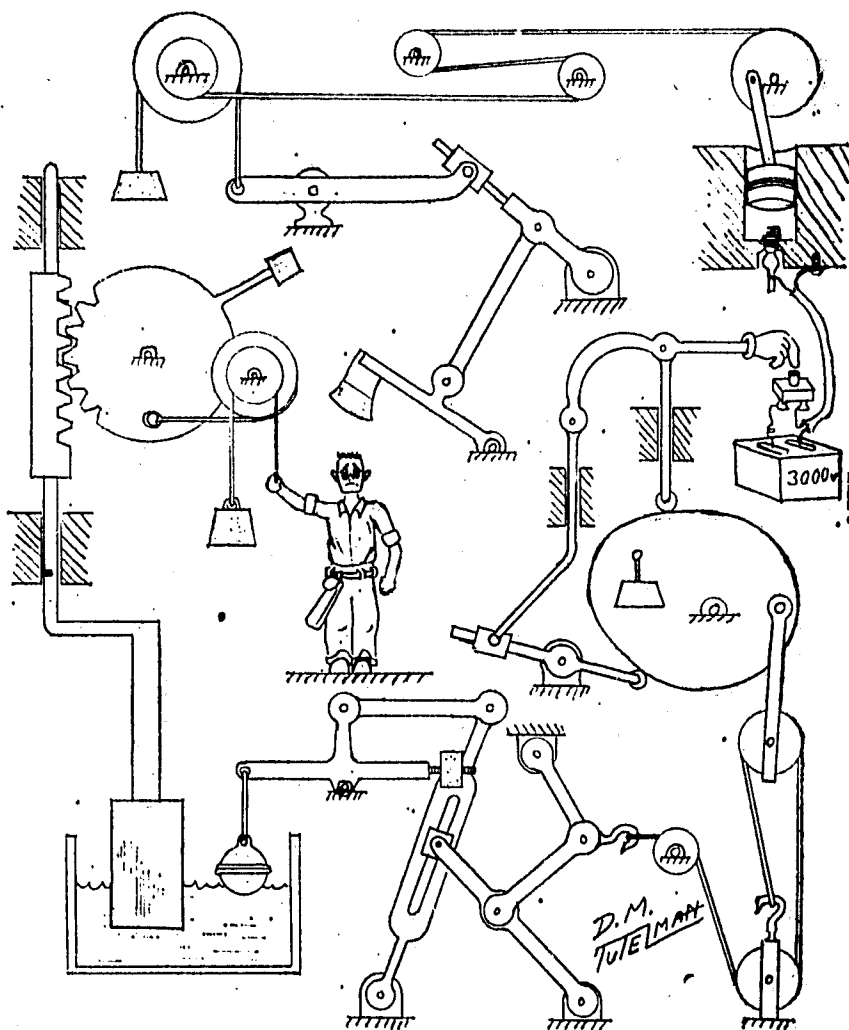
Joseph Nadan, President of EE-IRE, said "A field trip such as the one today is only one of many services that our organization makes available to the EE student. In addition, this member can look forward to a Student-Faculty Farewell Dinner to be held in the latter part of January. For next term we are planning many lectures on topics of current interests and in addition another field trip, possibly to Bell Telephone Labs in Murray Hill, N.J."

The rally against Ben Davis was certainly in the right spirit, but was conducted in the wrongest way imaginable. It is heartening to see organized public anti-communist feelings on campus. The rightist cause has too long been understaffed and unpublicized. Perhaps the rally will demonstrate that not everyone at City College is a dedicated liberal. The statement by one of the rally's organizers that, "There will be more in the future," is a welcome prediction if they can learn to behave themselves like decent citizens.

The manner in which this protest was carried out is positively disgusting. The rally, which was originally supposed to be a peaceful meeting on the lawn, with possible picketing in front of Finley to protest the presence of Ben Davis, never bore the slightest resemblance to this. There was only a raucous mob blocking the entrance to a building. Their actions were even more disgraceful when they made an assemblage outside of 217 for the benefit of the News photographer that they had arranged for. The fact that a speaker invited by the SG Public Affairs Forum was subjected to violence is an insult to the whole City College. In general the demonstration was one of the worst examples of student behavior we have ever seen at the College.

We believe that appropriate anti-communist demonstrations should be held in the future. However, we can in no way endorse rallies organized by members of the Young Americans For Freedom, such as the last one, when they are pre-planned riots.

Picture of Man Taking M.E. 120 Final



## **PIONEERING**

Somewhere out there, beyond the realm of man's present understanding, lies an idea. A concept. A truth.

Gradually, as it comes under the concentration of disciplined minds, it will become clear, refined, mastered. This is the lonely art of pioneering.

In the Bell System, pioneering often results in major breakthroughs. Planning the use of satellites as vehicles for world-wide communications is one. Another is the Optical Gas Maser, an invention which may allow a controlled beam of light to carry vast numbers of telephone calls, TV shows, and data messages.

Breakthroughs like these will one day bring exciting new telephone and communications service to you. The responsibility of providing these services will be in the hands of the people who work for your local telephone company. Among them are the engineering, administrative and operations personnel who make your telephone service the finest in the world.



**BELL TELEPHONE SYSTEM**

## Grapplers Movie Review — Down Y.U.

When athletes from City College compete with men on their own level they very often prove they are the superior team. This fact was exemplified by the Wrestling team's defeat of Yeshiva University on Thursday, Dec. 21 on the opponents home ground. The grapplers from City pinned three of their opponents, decisioned three others and dropped two matches. Pins were registered by Bob Hamilton (123 lbs.), Phil Rodman (147 lbs.) and Mark Miller (157 lbs.) to give the team 15 of its 24 points. Those who contributed decisions were Mike Bratnik (130 lbs.), Jerry Robinson (177 lbs.) and Mal Schwartz (Unlimited). It was Schwartz's match that made the crowd of about 150 sit up and take notice. Faced with an opponent approximately 60 pounds heavier Schwartz moved fast and kept on moving to avoid his opponents clutches. Since he could not match strength with Yeshiva's Klein he used brains instead of brawn and defeated his man by a score of 5-4 to give the college three more points. As any wrestler will tell you, "strength is an asset but not a necessity" and Schwartz proved this quite satisfactorily.

Yeshiva, coached by Henry Wittenberg, a City College graduate and gold medal winner in the 1948 Olympic Games, sent in two opponents that proved too much for Coach Sapora's men. George Frankle (137 lbs.) and Marvin Chasen (167 lbs.) were decisioned by their opponents to give Yeshiva its six points. Although Yeshiva lacked sufficient talent it had plenty of team spirit. Every point or good move made by a Yeshiva man was rewarded with cries and cheers and one couldn't help but notice how the students were behind their team even though they were losing quite heavily.

It is interesting to note that among the eight men who wrestled against Yeshiva University three of them are in the School of Technology namely Phil Rodman (ME), Jerry Robinson (Ch.E) and Marvin Chasen (EE) and that a good number of the men that make up the varsity teams of City College are engineering students.

While many of the students enjoyed their Christmas holiday at least three teams held practice sessions over the vacation. Goethals gymnasium was used by the Basketball, Lacrosse, and Wrestling Teams and it wouldn't be surprising if in some corner of the college the Fencing team wasn't getting ready for its match with Navy. Between the bouncing of basketballs, the discussion of Lacrosse tactics and the grunts and groans of the grapplers one would think that vacation had not yet arrived. Over this vacation many tournaments were held, both by college associations and the A.A.U. Coach Sapora of the Wrestling team took three of his boys (Rodman, Miller, and Taylor) to the annual Wilkes wrestling tournament held at Wilkes-Barre, Penn. and Marvin Chasen along with George Frankle are entering an A.A.U. tournament in Bayshore, L.I. on Dec. 30th.

—Marvin Chasen

## "King of Kings"

By SAL FAVIA

It is fitting that this critic ends his career at the college by reviewing "King of Kings." For this is a great movie: great in truth, great in story, great in scope. The birth of the child, Jesus, the sermon on the mount, the last supper, the trial of Christ, and the crucifixion are all here. The central theme is the conflict of two great ideas which has engaged the minds of men down to the present day: are men to live in subjugation, under the will of an emperor as symbolized by Pontius Pilate and Rome, or are they to be free and live with each other in brotherly love as symbolized by Jesus Christ?

Cynics or unsophisticated minds may sneer, but it is an inspiring story with truths that have as much meaning today as they did when they were first brought forth. They are that man should live in peace with his neighbor and give up violence as a means of solving his problems, and that he should do unto others as he would have others do unto him. Even for those who don't accept these principles there is something to be gained from this film: that an idea cannot be destroyed by force. The Romans killed Christ, but they couldn't ban his ideas. And in trying to ban his ideas they paved the way for Christianity to reside in Rome.

This critic was privileged to see the original 1927 DeMille version of King of Kings years ago; with all due respect to the late C.B., producer Samuel Bronston has outdone himself in this present day production. I was deeply moved by it. Using 70 mm super technirama technicolor with a cast of thousands, director Nicholas Ray has magnificently used the process to its fullest advantage, whether it's showing a closeup of Christ's eyes or the might and glory of the Roman army marching. Screenwriter Philip Yordan has stuck close to the story, and he kept violence to a minimum. However, the one mistake they both have made is in not having Christ on the screen more than they do.

Great credit must be given to composer Miklos Rosza without whose music this picture would not be as great as it is. Using a large symphony orchestra and a glorious fifty voice chorus, he has written music nearly equal to his "Ben Hur" score. Unfortunately, it lacks romantic qualities — as there is no love interest in the story — but it makes up for it in the Christ theme which is exalting to listen to.

As the beautiful mother, Mary, Siobhan McKenna presents the best feminine performance. Her acting is superb; she gives the role the dignity and elegance it requires. In speaking her lines, Miss

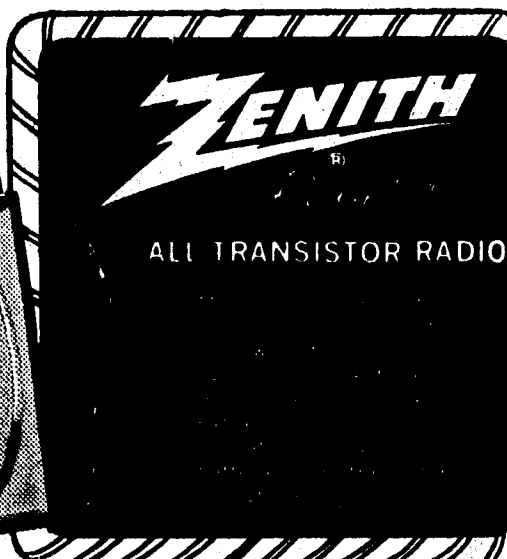
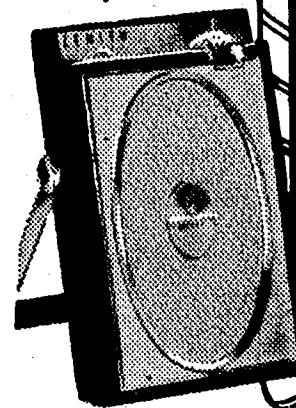
McKenna conveys the power and conviction of what she is saying. Best male performance goes to Ron Randell as Lucius, the Centurion — the Roman officer who followed orders to the very end. His portrait of a man whose inclinations are good but who is ordered to do things which harm people is excellent. Mr. Randell evokes much sympathy and understanding, and is at his best when appointing defense counsel at the trial.

The rest of the cast, from Robert Ryan as John the Baptist to Carmen Sevilla as Mary Magdalene, is good, but no one is outstanding. The most surprising performance is given by six-year-old Brigid Bazlen as Salome. She handles her role with decorum, and her dance, choreographed by Betty Utey, is also of good taste.

Finally we come to the two most important roles in the film: Pontius Pilate and Jesus of Nazareth. As the Roman governor, Hurd Hatfield is adequate. The fault lies in his underplaying, failing to realize the arrogance and will power of a Roman governor.

As the Saviour, Jeffrey Hunter is good. He looks like Jesus, walks like him, and speaks his words with conviction. And there lies the blemish of the whole picture. Mr. Hunter is good when he should be beyond excellence. There is only one actor in our generation who can portray Christ as he should be portrayed — Charlton Heston. Only he could give the role the extraordinary power and dynamics it demands and convey to the audience the feeling that Hunter doesn't quite convey: that he is the Messiah! Because of Mr. Hunter, the movie is merely great when it should be more than great.

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