

Round Five

The War of the Greasy Street Ramp

by Phil Neches

A new policy for parking on the Ollo Walk will take effect immediately, according to Dr. Dave Smith, Master of Student Houses. In the past, Smith said, a few people have abused the privilege of parking on the Ollo Walk, which resulted in a great deal of friction between students, the Master's Office, and B&G.

To prevent this friction from proliferating, the IHC and Smith said there are signs that read "STOP AHEAD:". If you need careful you will realize that that satisfied you and should have turned there. The rally master finds out which course you took before the rally and the course. The good, usually the top one, will be rewarded with trophies.

---

Spacefiller Wins!

Tech to Form Syndicate

by Isa Moskalat

TECH staff writers will now have to join the syndicate. Well, it's not really as untoward as it sounds. The California Tech, realizing the need of every paper, including the biggest ones, is organizing a syndicate to handle the necessary in your direction of travel. Soon you come to a pretty red and white sign which says "STOP" and you turn right, right? "Correct! screams an a-guished navigator! Stop! You're both wrong. In your haste, you've missed a sign that said "STOP AHEAD." If you need careful you will realize that that satisfied you and should have turned there. The rally master finds out which course you took before the rally and the course. The good, usually the top one, will be rewarded with trophies.

---

Results Of ASCIT Elections

Remember, all of you budgitting politicians out there, ASCIT elections are in the making. The candidates will commence shortly thereafter, and will last until February 19th, when the fate of ASCIT and the world will hang in the balance. Exercite your prerogative as a dues-paying member of ASCIT; run for office.

---

© 1970 by the Associated Students of the California Institute of Technology, Incorporated.
The purpose of this article is to state the results of an investigation into an incident which occurred at a Page House dormitory on January 16, which involved a Showering of a member of the Tech editorial staff. The investigation was carried out by the Tech editors, Dr. Smith, and Neches, the student editor.

Neches was the main perpetrator of the showering, and the Tech editors, Dr. Smith, and Neches, the student editor, were the main perpetrators of the showering.

Neches, the student editor, was the main perpetrator of the showering. The Tech editors, Dr. Smith, and Neches, the student editor, were the main perpetrators of the showering.

Neches, the student editor, was the main perpetrator of the showering. The Tech editors, Dr. Smith, and Neches, the student editor, were the main perpetrators of the showering.
The Third Wing

Whole World Is Watching

by Nick Smith

For the last eighteen months, the news media have been in a state of undeclared war with the American public. The first hostile acts came about at the Chicago convention in the summer of 1968. The city became the “Whole World Is Watching,” and it was, for the news media showed everyone all the violence they could. The public was forced to decide which to believe, their eyes or their pre-formed ideas of law and order. They chose the latter, for they criticized the media, even to the extent of accusing TV networks of staging riots and beatings by police. They could also have staged the Apollo moon shots and the Vietnam war, but somehow I doubt it.

When Vice President Agnew made his now-famous statements about biased reporting by the press, he was supported by a large number of people throughout the country. In a way, he was right, because even the most pious of objective reporters inject a flavor of bias into any coverage. Some reporters make not the slightest effort in the direction of fairness. George Putnam and his various newspapers and the common man-in-the-street prejudice of the press.

Another of the battles was over the alleged massacre at My Lai. The press published and broadcast a large number of details as soon as they could, and the American public became outraged. What was amazing was that the public became angry in two separate directions. The public was horrified that good, wholesome American boys would even think of doing things that most people associated with Nazism and Auschwitz. They also were upset with the news media for presenting evidence that such things might be occurring. This attitude of despising evil to the point not wanting to learn of it is the sort of thing that existed in Hitler’s Germany, and in fact, it was what allowed Nazi Germany to exist.

The press often abuses its position as conveyer of truth and information, and thus helps bring about the state of the public. For example, the press may have performed a large number of disservice to the media. As suggested before, I think, based on a view that showering someone is a rather uncouth way of registering annoy­ance at his actions; in this case the person is Phil Neches and the action was supposedly his refusal to print a letter to the Tech. I note in passing that no outcry was raised when the freshman class put Jon Post into Millikan last year after he made bad puns in lecture. (Air planes and eigenvectors?)

No one has said anything explic­itly about the value of showering, as exercise, which I think is the ultimate point of the custom. If you check, you will find that the ones who participate most often in showers are freshies (it doesn’t matter whether they are showering someone or being showered), it is still true that particularly athletic freshies. It is reasonably evident that people go out for sports in high school because they enjoy physical activity. They don’t lose this enjoyment on entering the Institute, but they do become much more reluctant to do things which might cause they trouble academic­ally. So, they cut down their commitments to organized exercise, which leaves a gap which is filled by such activities as exercise, which I think is the ultimate point of the custom. If you check, you will find that the ones who participate most often in showers are freshies (it doesn’t matter whether they are showering someone or being showered), it is still true that particularly athletic freshies.

Ultimately, I think that the student house life is generally undisciplined. He has an indefinite time available to work for any changes which he thinks desirable. However, he should be aware that powerful forces operate to slow any change in student house life. The system maintains that most of the freshmen who go to any house will be the ones who do not participate, and who dislike it will move off. It is quite reasonable to say that the on-campus juniors and seniors of any house are quite satisfied with life in that house and will resist change strenuously. As the affair of the ramp shows, this protest may be extraordinarily effective. That the curb for barbarism in the student houses lies less with the Master’s office than with the Admissions Commit­tee. As suggested before, I think, based on a year of life in Page, that most individuals outgrow their most blatant obsessions by the end of their freshman year, or move off-campus, or both. Further, it appears that people who are athletically inclined often have the energy and self-discipline which help in the maintenance of Tech’s standards, and in later life. Still, if decorum and good behavior (or a lack of bad behavior anyway) are desired, an Admissions Committee policy which admits only athletes to the Institute (based on the evidence of a record of straight’s in high school and no outside activities) will do more to quiet the houses than any number of house fines or suspended Tech editorials.

To the Editor:

Menace Sazan and Matus both accept the belief that anything a group of people in the Houses do, if it is condoned by tradition, is proper. This is not so. Showering is allegedly a result of "good old-fashioned fun," rather than "malicious intent." I disagree. One of a person’s most precious rights in this "rewired era" is the right to be left alone. Showering, much of initiation, and many of the other "traditional activities" of the Caltech undergrads violate this right.

Anyone who tries to exercise this right becomes an outcast. It is a matter of many of the serious things to move off-campus? I have often complained that the typical Caltech undergraduate is immature, and been challenged to define maturity. Maturity involves sensi­tiveness to the rights of others, and the ability to accept them without forcing them into one’s own mold. It is the skill of handling oneself as an intelligent individual, as an adult. Perhaps the student houses do not provide an atmosphere that encourages adult behavior. On the contrary, anyone who dares reject the juvenile ideal of House life, will be ostracized. A thorough study of methods to improve the quality of House life is necessary. Perhaps the system is not salvageable (a possibility that seems increasingly likely). Let us start searching for an alternative.

David Miller

Kirsch “Luids” Faculty on IHC Decision

Dear Editor:

I wish to congratulate the faculty for its strong and decisive stand in the matter of support of IHC. Those on the faculty opposing the plan for IHC to move to Caltech, believe that Tech’s vocative social atmosphere might be lost by the inclusion of another college in the Caltech community, were perfectly correct in their sentiments. Surely neither they nor even the proponents of the new plan could have drawn up any satisfactory proposal which

Please turn to Page Eight

Page Incident Proliferates Yet More

A & H Discount Records

Largest Selection of LP'S inPasadena, All at Low Discount Prices.

Rock—Blues—Jazz—Folk—Classical—English Imports

8 tr. tapes and cassettes.

1766 E. Colorado Blvd. Pasadena 796-7431

Page Eight
Who Is a Conscientious Objector?

To the best of our knowledge, all information in this column is accurate at the time of publication. However, judgments by the courts or changes in the law may occur. If you’re interested in covering or debating the issue, you should consult before taking any major action that may affect your Selective Service status.

C.O. Definition in the Law

A conscientious objector (C.O.) is one who “by reason of sincerely held religious or moral belief is conscientiously opposed to participation in war.” This belief is restricted to exclude “essentially political, sociological, or philosophical views or a mostly personal moral code.”

An individual who is conscientiously opposed to participation in the Armed Forces even as a non-combatant is classified I-AO. Registrants in either classification are still included in the order of call for induction. The I-AO registrant, when his number is reached, will be sent an induction order, but he will not be assigned to the Armed Forces under the same procedure as a registrant classified I-A. Instead, his name will be sent to the draft board, where his number is reached, will be sent an order to report for civil work instead of an induction order and will have to find an employer acceptable to him to work for two years of alternative service.

Local Board’s Idea of C.O.

Local boards are the final arbiters of conscientious objection. They choose which objectors they think are conscientious and which are not, based on a very narrow interpretation of conscientious objection, especially when considering a claim for a I-A registration. To qualify, a conscientious objector has to be a conscientious objector who, while filling out the Classification Questionnaire (Form 100), has been sent to him immediately after he registered at age 18. Other boards, particularly those who have seen many C.O. applications and who are aware of court decisions regarding eligibility for classification as a C.O., are granted a broader standard that includes registrants who do not think of themselves as being religious. Almost every board grants a I-AO classification much more readily than the I-A.O. They reason fairly well to believe that a registrant is opposed to the killing of war, as long as he is still willing to enter the Armed Forces.

The Courts and the C.O.

The Supreme Court ruled in the Seger decision that a registrant qualifies for classification as a C.O. if he holds a sincere and meaningful belief that occupies a place in his life parallel to the God of those registrants who are obviously qualified as C.O. on religious grounds. District courts have also made several rulings concerning conscientious objection which, although binding only as the jurisdiction of the court which made the ruling, are significant in that they can apply to the entire nation if upheld by the Supreme Court. For example, a Massachusetts court ruled in U.S. v. Stohr that a “selective objector” (one opposed to a particular war and not to all wars) should be classified a conscientious objector classification.

The following qualifications do not have to be met in order to qualify for C.O. status under the law (although they are strongly urged if you wish to qualify):

1. A registrant does not have to believe in God, belong to a recognized church, or attend church regularly. (2) A registrant does not have to be opposed to all violence or even be opposed to killing someone (for instance, in self-defense). . . all that is required is that he be opposed to war — indiscriminate or war.

Who Should File as a C.O.?

Anyone who objects to participation in war should, after careful preparation (discussion and thinking about his position, preferably with an experienced C.O. counselor), seek SSS Form 150 from his local board to file a claim as a conscientious objector. It must be emphasized that the earlier the registrant makes his beliefs as a C.O. known to his board the better chance he has of obtaining recognition. The best time is when registering at age 18, by filling out the appropriate section of the Classification Questionnaire (some registrants who have filled out the claims filed at age 18, when properly documented, are successful). BODs are suspicious of late claims and the registrant must explain his failure to make the claim when he filled out the Classification Questionnaire (such an explanation may be a change in beliefs or crystallization of belief due to the occurrence of some event(s), such as the receipt of an induction order, which caused the registrant to consider war as an issue). There is a large group of registrants who are opposed in the war in Vietnam but are not sure that they wish to claim to be opposed to all war. These registrants should emphasize that they are opposed to any conceivable war — not hypothetical ones; “all war” should include only current wars — not hypothetical ones; “all war” should include only current wars — not hypothetical ones.

There are special provisions in the Selective Service Regulations that specify extra procedures and rights available to a registrant whose claim for conscientious objection is being considered. These special procedures will be discussed in the column next week, as well as the steps that should be taken to effectively file a claim and pursue it.

Back to the Back Country

The Caltech Environmental Action Council is planning an outing to the Angeles National Forest for Sunday, Feb. 15. The meeting is to leave Caltech Winnett Center around 7:00 a.m. in whatever cars are available, grab a quick breakfast in a restaurant, and drive up the Big Pine road to the Crystal Lake Campground. From there we will be planning future trips, including some week-end backpacks into the surrounding wilderness. We will also be needing some people with wilderness experience to help with these trips. The back country is out to preserve and enjoy, and all are welcome there.

Lorne Schachter

The BOD held another meeting last week, and a change of what had happened many times in the past, nothing was accomplished.

Subjects on the agenda were the honor awards for this year. No one at the meeting knew who was supposed to head the committee to choose the winners. The only process of forming the committee. However,judgements by the courts or changes in the law or regulations or any other major action that may affect your Selective Service status. . .

C.O. Definition in the Law

A conscientious objector (C.O.) is one who “by reason of sincerely held religious or moral belief is conscientiously opposed to participation in war.” This belief is restricted to exclude “essentially political, sociological, or philosophical views or a mostly personal moral code.”

An individual who is conscientiously opposed to participation in the Armed Forces even as a non-combatant is classified I-AO. Registrants in either classification are still included in the order of call for induction. The I-AO registrant, when his number is reached, will be sent an induction order, but he will not be assigned to the Armed Forces under the same procedure as a registrant classified I-A. Instead, his name will be sent to the draft board, where his number is reached, will be sent an order to report for civil work instead of an induction order and will have to find an employer acceptable to him to work for two years of alternative service.

Local Board’s Idea of C.O.

Local boards are the final arbiters of conscientious objection. They choose which objectors they think are conscientious and which are not, based on a very narrow interpretation of conscientious objection, especially when considering a claim for a I-A registration. To qualify, a conscientious objector has to be a conscientious objector who, while filling out the Classification Questionnaire (Form 100), has been sent to him immediately after he registered at age 18. Other boards, particularly those who have seen many C.O. applications and who are aware of court decisions regarding eligibility for classification as a C.O., are granted a broader standard that includes registrants who do not think of themselves as being religious. Almost every board grants a I-AO classification much more readily than the I-A.O. They reason fairly well to believe that a registrant is opposed to the killing of war, as long as he is still willing to enter the Armed Forces.

The Courts and the C.O.

The Supreme Court ruled in the Seger decision that a registrant qualifies for classification as a C.O. if he holds a sincere and meaningful belief that occupies a place in his life parallel to the God of those registrants who are obviously qualified as C.O. on religious grounds. District courts have also made several rulings concerning conscientious objection which, although binding only as the jurisdiction of the court which made the ruling, are significant in that they can apply to the entire nation if upheld by the Supreme Court. For example, a Massachusetts court ruled in U.S. v. Stohr that a “selective objector” (one opposed to a particular war and not to all wars) should be classified a conscientious objector classification.

The following qualifications do not have to be met in order to qualify for C.O. status under the law (although they are strongly urged if you wish to qualify): 1. A registrant does not have to believe in God, belong to a recognized church, or attend church regularly; 2. A registrant does not have to be opposed to all violence or even be opposed to killing someone (for instance, in self-defense) . . . all that is required is that he be opposed to war — indiscriminate or war.

Who Should File as a C.O.?

Anyone who objects to participation in war should, after careful preparation (discussion and thinking about his position, preferably with an experienced C.O. counselor), seek SSS Form 150 from his local board to file a claim as a conscientious objector. It must be emphasized that the earlier the registrant makes his beliefs as a C.O. known to his board the better chance he has of obtaining recognition. The best time is when registering at age 18, by filling out the appropriate section of the Classification Questionnaire (some registrants who have filled out the claims filed at age 18, when properly documented, are successful). BODs are suspicious of late claims and the registrant must explain his failure to make the claim when he filled out the Classification Questionnaire (such an explanation may be a change in beliefs or crystallization of belief due to the occurrence of some event(s), such as the receipt of an induction order, which caused the registrant to consider war as an issue). There is a large group of registrants who are opposed in the war in Vietnam but are not sure that they wish to claim to be opposed to all war. These registrants should emphasize that they are opposed to any conceivable war — not hypothetical ones; “all war” should include only current wars — not hypothetical ones.

There are special provisions in the Selective Service Regulations that specify extra procedures and rights available to a registrant whose claim for conscientious objection is being considered. These special procedures will be discussed in the column next week, as well as the steps that should be taken to effectively file a claim and pursue it.

Back to the Back Country

The Caltech Environmental Action Council is planning an outing to the Angeles National Forest for Sunday, Feb. 15. The meeting is to leave Caltech Winnett Center around 7:00 a.m. in whatever cars are available, grab a quick breakfast in a restaurant, and drive up the Big Pine road to the Crystal Lake Campground. From there we will be planning future trips, including some week-end backpacks into the surrounding wilderness. We will also be needing some people with wilderness experience to help with these trips. The back country is out to preserve and enjoy, and all are welcome there.
Ecology Goes into Action at Tech

by Jerry Yudelson

The Caltech Environmental Action Council (CEAC) is planning a series of events, culminating in an "Environmental Awareness Week," April 20-24, 1970. That week will see an "Earth-Day Celebration, Ecology Fair, and Teach-In on the Environment."

The purpose of this article is to describe briefly the range of events CEAC would like to sponsor to expand the awareness of the Caltech and local communities about the environmental and ecological problems we face. CEAC's most important purpose is to bring home the propositions that ecology is as much a way of life as a science, and that changing personal attitudes about the environment is as important in the long run as passing laws or developing new technologies for environmental control.

Open to All

CEAC is open to all Caltech students, faculty and staff and plans to act primarily as a clearinghouse and coordinating body for individual and small group action. The purpose of this article is to make the forthcoming week known to the Caltech community environmental issues, pollution control technologies, and to act primarily as a clearinghouse for information, call Paul Wegener (797-3621) or JERRY YUDEH (795-2932) OR SEE SOMEONE HOUSE WHO IS INVOLVED AND, live ecologically!

Traffic Trolls Survey Domain;
Jaywalkers Talled

The Institute has hired a firm to conduct traffic surveys on San Pasqual and California Blvd. The two day study involves hippietype people stationed at various points along these two streets. They are instructed to count traffic, pedestrians and Jaywalkers. Possible re­sults of the survey would be restricting San Pasqual to Institute traffic only, or even closing it off and putting buildings there. Pertinent questions raised are—are there two random Statistical base? Why weren't poverty­stricken Trockers used? Why not turn California Blvd. into a football field or frisbee court? (Yeah grass!)

I Am Confused (Paisley)

by David Miller

I AM CONFUSED (PAISLEY): a new Swedish picture (this is the version which appeared on TV)

Author's note: possibly I should apologize for not mentioning for this, but an illusion never forgets.

Scene 1: a ski run

Audio: Roderick: You know, what Caltech needs is a ski run. What about the mountains are... Howard: Maybe, but since we aren't students, and this is Aspen, Colo­rado, it doesn't matter much to me. Snoopy (as he whizzes past on skis): Snow bunnies are wonderful. Hugh: Hefner: Any kind of bunnies. Video: Hefner: is holding a copy of Playboy with a Doberman Pinscher on the cover and smoke emerges from his pipe in the form of dollar signs.

Scene 2: Luxe in Arizona

Audio: A voice: Highest (guffaw) FSrkm's (guffaw) longingly. Srirkim, in a transport of zhiphbeeb, fuzzyknurdled in utter skwip, "Wavt, wogt, mgflrhfrn zmke?" (Guffaw) and "Hiiiiff, ohm a widthos, glad, xided, and hedrubninthled."

Video: Black sky with a few stars showing while the voice is speaking. A card appears on the screen when it stops. The card says: There are either four or five different kinds of Zmugum­tars, but we are not sure if these are aliens. Since they are energy creatures which radiate only in the vacuum ultraviolet, we have no idea what was going on while we were shooting this scene.

Commercial:

Video: A tube of toothpaste.

Audio: Voice: toothpaste! Vence in da mornin' and you talk like zins all da tuh! Yah!

Scene 3: space, near earth

Video: Mary Poppins drills into view, holding her umbrella. Earth is in the background. It looks like it is about 40,000 miles away. When Mary Poppins is quite near the camera she turns into a green Flip Wilson, who speaks:

Audio: Neuniglich y'noooveberg getta go to earth, discover Ray Charles!

Scene 4: Mars as a particle

Video: A Scientific American page with what is either a bubble-chamber photograph or an astronomical photograph. Mars is near the center, a little toward the lower right-hand corner. The scene then switches to a chart of data on particles. One line says: Mass, Mass approx. 36*.10**52 maybe P.L. Mev. Spin: 9-24 hrs, 37 minutes. Isospin: 4687 days. Bureaze: X=4

Audio: Vote: The particle in this picture was photographed while it receded toward the earth at a speed of 9,000 m.p.h. the redshift thus accounting for the apparent color.

Scene 5: Soup's on

Video: Andy Wahool stands before a gigantic red soup can which first is labeled Campbell Soup and then Soup, then suddenly Wahool Campbell Soup. The camera approaches him quite closely. He hands a bowl of liquid to a band which appears at the bottom of the camera's field of vision. As the first spoonful comes flowing toward the camera, it is evident that the camera is located inside the mouth of someone who is trying Wahool's soup. The first spoonfuls goes flooding away from the camera again, then the camera watches the act of speech from the viewpoint of the uvula.


Scene 6: Angst at Caltech

Audio: What is an integral domain? Is it a zero divisor? Is it true?

Video: "Craz" Dowsey stands on top of Millikan library in a diving position. Suddenly he undergoes a postjection glass clear; opens his mouth, and the picture goes out but not his.

Scene 7: Surprise

Video: A card which says: This movie on a new kind of film based on a polymerized sugar. You can eat this.

Audio: Voice: But who would come to see us? We admitted it was a swestrr film?

Scene 8: Audio: You can fool enough of the people enough of the time to make a decent living.

Video: W. C. Fields: HACK

Audio: to a poker filmer

Note to Editor


Thursday, February 5, 1970

THE CALIFORNIA TECH

Page Five

Another miracle from Volkswagen.

A Volkswagen goes through one of its most grueling tests in a huge wind tunnel. Once inside, it can't take in effect a trip between any two given cities. Written for the automobile, weather and speed would virtually be.

“We see the Yellow Pages for the Volkswagen dealer nearest you.”

Another miracle from Volkswagen.

A Volkswagen goes through one of its most grueling tests in a huge wind tunnel. Once inside, it can't take in effect a trip between any two given cities. Written for the automobile, weather and speed would virtually be.

“We see the Yellow Pages for the Volkswagen dealer nearest you.”

I Am Confused (Paisley)

by David Miller

I AM CONFUSED (PAISLEY): a new Swedish picture (this is the version which appeared on TV)

Author's note: possibly I should apologize for not mentioning for this, but an illusion never forgets.

Scene 1: a ski run

Audio: Roderick: You know, what Caltech needs is a ski run. What about the mountains are... Howard: Maybe, but since we aren't students, and this is Aspen, Colorado, it doesn't matter much to me. Snoopy (as he whizzes past on skis): Snow bunnies are wonderful. Hugh: Hefner: Any kind of bunnies. Video: Hefner: is holding a copy of Playboy with a Doberman Pinscher on the cover and smoke emerges from his pipe in the form of dollar signs.

Scene 2: Luxe in Arizona

Audio: A voice: Highest (guffaw) FSrkm's (guffaw) longingly. Srirkim, in a transport of zhiphbeeb, fuzzyknurdled in utter skwip, "Wavt, wogt, mgflrhfrn zmke?" (Guffaw) and "Hiiiiff, ohm a widthos, glad, xided, and hedrubninthled."

Video: Black sky with a few stars showing while the voice is speaking. A card appears on the screen when it stops. The card says: There are either four or five different kinds of Zmugum­tars, but we are not sure if these are aliens. Since they are energy creatures which radiate only in the vacuum ultraviolet, we have no idea what was going on while we were shooting this scene.

Commercial:

Video: A tube of toothpaste.

Audio: Voice: toothpaste! Vence in da mornin' and you talk like zins all da tuh! Yah!

Scene 3: space, near earth

Video: Mary Poppins drills into view, holding her umbrella. Earth is in the background. It looks like it is about 40,000 miles away. When Mary Poppins is quite near the camera she turns into a green Flip Wilson, who speaks:

Audio: Neuniglich y'noooveberg getta go to earth, discover Ray Charles!

Scene 4: Mars as a particle

Video: A Scientific American page with what is either a bubble-chamber photograph or an astronomical photograph. Mars is near the center, a little toward the lower right-hand corner. The scene then switches to a chart of data on particles. One line says: Mass, Mass approx. 36*.10**52 maybe P.L. Mev. Spin: 9-24 hrs, 37 minutes. Isospin: 4687 days. Bureaze: X=4

Audio: Vote: The particle in this picture was photographed while it receded toward the earth at a speed of 9,000 m.p.h. the redshift thus accounting for the apparent color.

Scene 5: Soup's on

Video: Andy Wahool stands before a gigantic red soup can which first is labeled Campbell Soup and then Soup, then suddenly Wahool Campbell Soup. The camera approaches him quite closely. He hands a bowl of liquid to a band which appears at the bottom of the camera's field of vision. As the first spoonful comes flowing toward the camera, it is evident that the camera is located inside the mouth of someone who is trying Wahool's soup. The first spoonfuls goes flooding away from the camera again, then the camera watches the act of speech from the viewpoint of the uvula.


Scene 6: Angst at Caltech

Audio: What is an integral domain? Is it a zero divisor? Is it true?

Video: "Craz" Dowsey stands on top of Millikan library in a diving position. Suddenly he undergoes a postjection glass clear; opens his mouth, and the picture goes out but not his.

Scene 7: Surprise

Video: A card which says: This movie on a new kind of film based on a polymerized sugar. You can eat this.

Audio: Voice: But who would come to see us? We admitted it was a swestrr film?

Scene 8: Audio: You can fool enough of the people enough of the time to make a decent living.

Video: W. C. Fields: HACK

Audio: to a poker filmer

Note to Editor

Bach to Essentials

Dichter Plays Them All - Well

by Phil Neches

Pianist Mischa Dichter took his Benin audience on a musical tour which lasted from 1650 to 1970, with the intermission. Works by Bach, Beethoven, Ravel, and Mussorgsky received a virtuoso rendition in the process.

The Busoni transcriptions of the Bach Organ Preludes and Fugue in D Major were played with the most even of the advanced pianist. Having attempted to play on the original organ score and the piano transcription, I can report that anyone who can even get through either deserves a great deal of credit. But no one who can play it as well as Dichter deserves Dichter’s reputation as one of the best pianists of the day.

Dichter’s rendition of the fugue section was simply amazing. Few organists can keep four parts going at once, even with the benefit of pedals. The pianist does not even have that much in his favor. Dichter went through the fugue with note-per-note precision, which even included one of the best imitations of the staccato dynamics of an organ I have heard.

After being richly rewarded for the piano piece, Dichter played the late Classical-early Romantic period a tune of one of its finest, the Beethoven Sonata in D, Op. 10, No. 3. Dichter made the transition from the terraced dynamics and steady beat of the late Baroque to the more classical work with aplomb. Ludwig would have been proud.

Ah! Romanticism! Dichter then took his audience into late Romanticism with five short works by Brahms. The pieces ranged from a dreamy Intermezzo to a fiery Capriccio. Dichter had the audience so enthralled that not a single cough marred even the quiet pauses of the Intermezzo.

Thus, having worked his way up to the 1870’s, Dichter took the Intermezzo, after which he gave the audience a special treat: Moussorgsky’s “The Night on Bald Mountain” at an Exhibition in the seldom-heard original score for solo piano. In the “Chicken”

One musicologist has commented that the original piano score, rather than the Russian Edition, sounds like a French Impressionist, whereas the Ravel orchestration, done by a Frenchman, sounds Russian. In any event, Dichter’s rendition of the piece won the enthusiastic approval of the audience. (When he came to the part, “The Ballet of Chicks in Their Shells,” one lady remarked, “That’s the chicken!”)

The audience called Dichter back for three encores, the last of which was a fiery, virtuoso piece which ended in a standingovation. Needless to say, Mischa Dichter was a hit (Here, I’ve said it).

The Ice House at 24 N. Mentor

Groucho, Harpo, Zeppo...

Marx Brothers Revival Comes to Tech

by David N. Dobrin

The Marx Brothers, along with Charlie Chaplin, Buster Keaton, and W. C. Fields, were the great comedians of early motion pictures. This week, in having a Marx Brothers revival, Last Sunday, The Coconuts was shown at the Athenaeum (undergraduates, as usual, had to move heaven and earth to get in); this Saturday night Cocoanuts was presented with the Marx Brothers in Colbert and Animal Crackers and another feature will be shown (undergraduates need only a dollar to get in). The Coconuts is of most interest to true Marx Brothers fans, since Animal Crackers is considered to be one of their best movies. Don’t miss it.

Marx Brothers are a special man: he never lacks the presence of mind or the language to get the point across. In The Coconuts, Groucho tries to seduce a lovely young girl (played by Judy Holliday). “Did anyone ever tell you that you look like the Prince of Wales?” he asks. “Yes, she does,” the girl replies, “He was the Prince of Wales. One of the old Wales. And believe me when I say whales, I mean whales. I know whale when I see one.” Margaret Dumont protests that Groucho wouldn’t love her if she wasn’t rich. “I might, but I’d keep my mouth shut,” is the immediate rejoinder. Romance will never be the same. Chico is the eternal sidekick, Iggy, straight

Please turn to Page Six

Two Night Stand

"nuttiness triumphant"

"rib cracking comedy"

By William E. Graham

The Los Angeles Times' annual film festival features the comedies of the Marx Brothers. The festival, which runs from February 7 to 15, features two screenings of each of the three Marx Brothers films considered the best comedies of the three. The movies are Animal Crackers, Go West, and The Cocoanuts.

John Sebastian in concert on the 7th. A good attraction; a wonderful band. Royce Hall (UCLA) has several events. The Abbein Nicolas Theater, which screens films of the Marx Brothers on the 7th, followed by pianist David Bar-Billian on the 8th. The Art-o-Palooza of Paris presents "Antique" next Thursday, the 12th.

The Forum, in Inglewood, has a spectacular called "Soul '70" on the 7th, featuring the Isley Brothers, The Delta, Isaac Hayes, Bkistel, R. B. Greaves, and Shango.

The Pasadena Art Museum features famed pianist Yuki Takahashi on the 11th. The Village Chandler Pavilion of the Music Center has so many concerts (mostly classical) that they can’t be listed here. I suggest you check one of their calendars.

The Rodger Young Auditorium has the Six Doozies Quartets on the 7th. This establishment exists in downtown L.A.

The Ahmanson Theater (Music Center) has the National Theater Company of Great Britain, directed by John Gielgud. "The Beaux’ Stratagem" until the 7th. They will do Chekhov’s "Three Sisters" from the 9th through the 28th. That if didn’t include something for you, you don’t deserve to go anywhere.

Alvin Nikolais Dance Theater will present a night of the ever-changing expression, or the ubiquitous physical gag. The Coconuts appeared on the screen in 1929. A year later, Animal Crackers deluded. Both were exact copies of the stage versions. The brothers then moved to Hollywood. The next three years saw Monkey Business, Horse Slap, and Duck Soup. Three contained the same Marx Brothers mam's wrapped in different plots. In each of these films the brothers work around the plot, not with it.

Groucho is the eternal trickster; his humor is always about something. If he never lacks the presence of mind or the language to get the point across. In The Coconuts, Groucho tries to seduce a lovely young girl (played by Judy Holliday). “Did anyone ever tell you that you look like the Prince of Wales?” he asks. “Yes, she does,” the girl replies, “He was the Prince of Wales. One of the old Wales. And believe me when I say whales, I mean whales. I know whale when I see one.” Margaret Dumont protests that Groucho wouldn’t love her if she wasn’t rich. “I might, but I’d keep my mouth shut,” is the immediate rejoinder. Romance will never be the same. Chico is the eternal sidekick, Iggy, straight

Marx Brothers are a special man: he never lacks the presence of mind or the language to get the point across. In The Coconuts, Groucho tries to seduce a lovely young girl (played by Judy Holliday). “Did anyone ever tell you that you look like the Prince of Wales?” he asks. “Yes, she does,” the girl replies, “He was the Prince of Wales. One of the old Wales. And believe me when I say whales, I mean whales. I know whale when I see one.” Margaret Dumont protests that Groucho wouldn’t love her if she wasn’t rich. “I might, but I’d keep my mouth shut,” is the immediate rejoinder. Romance will never be the same. Chico is the eternal sidekick, Iggy, straight
**The Critical Ear**

A Sadly Neglected Art is Recognized


This magnificent tribute to one of the greatest pianists of our time, Gerald Moore, is no doubt richly deserved, and certainly the artists paying tribute make this disc an absolutely top-notch recording. Each of them has presented a selection or two from the heart of his or her repertoire—Victoria of Los Angeles specializes in South American folk songs, Dietrich Fischer-Dieskau sings R. Strauss, Linnan, Jacqueline de Pre plays the Faure Elégie, Nicolai Gedda sings Tchaikovsky short songs, and so on. And the effect is like a glittering collection of gemstones.

But of course the real star of the disc is Gerald Moore, and his quiet way he combines all of the others. The art of accomplishment is a sadly neglected art these days, not surprisingly, since it requires a great deal of pianistic skill, as well as the ability to satisfy the demands of musical works from the soloist. Gerald Moore is reputed to be a master of the latter, and this disc is clear proof of the former. He seems to have a perfect control of his strange role-knowing just when to demonstrate his virtuosity, just when to recede into the background for the sake of the soloist. This man is one of the very few accompanists who approaches accomplishment not with the view of getting through a rather tiringly boring job in a possible, but rather as a participant in an artistic experience, and I think this attitude is important in making his performances so amazingly good. It's a strange plus a record of accomplishments. Probably the one drawback is that by its very nature one finds it somewhat difficult to adapt oneself to the constantly changing sorts of music on this disc. But that's likely unavoidable; and I'm certainly not very important. The album is still most enjoyable indeed.

---

**The Dillard's**

Rodney Dillard, as well as his guitar playing, but the instrumental show-case the talents of the whole group, especially Herb on banjo. One slight departure from the standard Bluegrass music was the inclusion of Bob Dylan's "Walkin' Down the Lane." To be honest, it was an improvement over the original version, which had the drawback of Dylan's voice. If you haven't seen the Dillards yet, I suggest you do so, since they will be at the Ice House until the 15th of this month.

Featuring the Dillards as a comedienne named Gabe Kaplan, who is definitely not a filler act. His routines and one-liners had the entire audience shrieking with laughter. He has had but little television exposure, and this is unfortunate, because I can think of several shows that could use him.

Opening the show is a singer and guitarist named Russ Kirpatrick. He does some of his own songs, and some written by such others as Gordon Lightfoot and J. Robbie Robertson (of the Band). Russ Kirpatrick is good: you shouldn't go just to see the Dillards. He isn't the best that the Ice House has had, but he is far from being the worst.
Immediate Venture Capital Available
for New Businesses

We are looking for graduate students who have sound ideas for new products or services as well as the capabilities to head up new principal organizations to see the projects culminated. No fee for writing submitting detail plans. Do not include confidential information.

Sikorsky Aircraft

Representatives Will Be On Campus to Give
Seniors and Graduates Complete Details On
Engineering Opportunities With the Pioneer and Leading Manufacturer of Vtol Aircraft

See your College Placement Office now for an appointment on:

Thursday, February 12

Sikorsky Aircraft, Stratford, Conn. • Division of United Aircraft Corp. • An Equal Opportunity Employer
Art Openings
Are Really for
People-Watching

by Laurie Spaulding

The formal opening of some art exhibits are stuffy affairs where people stare quietly in all-too-often painful attempts at self-edification. Others, like the opening in Dabney Lounge on January 27, are so much fun that it’s hard to get people to leave. The 375 people who came to see Fred Czentery’s sculpture and the drawings and graphics of Paul Darrow were well entertained that evening with lively conversation, champagne, and music provided by Chris Darrow, son of Paul and former head of the Nitty Gritty Dirt Band. For those who missed the opening (as well as for those who didn’t) the sculpture, drawings, and graphics will be on display through February 13.

FOURTH?

by Robert Geller

North
S 4 9 2
H A K Q 8
D A 8 7 5 4
C 6

West
S A 6
H J 3 2
D 10 2
C A Q 10 9 7 5
C R 8 3

South
S K 8 7 5
H 10 7 4
D K 9 3
C J 9 2

North-South Vulnerable

The Bidding

North East
1D Pass 15 2C
Pass Pass

South West
2S Pass 2D Pass

In general, the best way to play any suit is to force the opponents to lead it for you. This maxim proved correct on today’s hand, played by Los Angeles expert Dick Henderson in a recent Sectional tournament.

The bidding of the hand was affected by the match-point scoring, since South would probably be quite content to pass out two clubs in rubber bridge or an imp team contest. However, at match point scoring it can be crucial to score 110 or 140 for making a part-score when two clubs goes down only 100.

After West won the opening lead with the ace of clubs he shifted to the ten of diamonds, won by the king. South, planning to cross-ruff the hand, embarked on the necessary play of cashing his side suit winners before the defenders could discard their losers. Accordingly, South cashed three high hearts and the ace of diamonds before leading the thirteenth heart from dummy.

West ruffed the heart with the six of trumps, as East discarded a club and South a diamond. West’s club return was ruffed low in dummy and a diamond was led, ruffed with the five and overruffed by the ace. At this point the position was:

Trumps = Page Twelve
Cubs Picked to Top Mets in NL East
e by Ethel Schreidell
The usually regal sports columnist takes it upon himself to predict the National League East, assures the reader in no uncertain manner that he knows how badly he does, it won’t be more than three years’ off-limits Las Vegas predictions, in which the World Champion New York Mets (10-1) to win the division (I predicted them fifth). So:
National League East
1. Chicago
2. New York
3. Philadelphia
4. St. Louis
5. Montreal

1. Chicago. Last year the Cubs appeared to have the division pennant all wrapped up, but managed to lose to the Mets anyway. This year, the Cubs won’t let the happen with or without their pitching. The Cubs have six bona-fide all-stars in catcher Randy Hundley, infielders Ernie Banks, Bill White, and Santo, and two dependable starters, Marichal and Seaver, and the youth market trend suggests that there is enough front-line pitching to help. If the offense does what it should, the Cubs will win.

2. New York. The Mets are a good team, with top-notch pitching, makes no mistake about that. But they are not a team that will win by repeat, nor will it repeat that the Year of the Miracle is over. The Mets caught fire last year, the way occasional teams have, such as Pittsburgh in 1960 and Atlanta in 1961, and worked up surprises of high order, but such surprises are virtually never duplicated in the same team. The Mets’ main weakness is hitting, where Tommie Agee and Cleon Jones, who had fabulous 1969 seasons, carry so much of the burden. The team’s others batters, Bonds, Stengel, Kranzpool, Clendennon, and Shamy, are part-timers, with erratic histories. Of course, there are some positive features as well. The team has always been strong in the pitching, with four aces as Tom Seaver and Jerry Koosman, Bob Gibson, and Sandy Koufax. But Joe Foy fill a persistent need for a good left-hander in the back end of the rotation. But somehow I don’t see this team as having any advantages over the Cubs, and the pitching, and the pitching behind the plate, and the Mets’ pitchers’ arm is a questionable thing at best. This team couldn’t win, but probably won’t.

3. St. Louis. The only team in recent years to repeat titles, 1967-68, the Cards last year fell into a dismal fourth in the East, and as a result of questionble but strong pitching, to have doctors reacquiring as high a position as they did. The Mets, led by Marichal of the Phillies’ some of Pittsburgh’s pitchers come through there will no find the first-year conference for St. Louis. St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Louis St. Lo...
Tennis Team

The Caltech varsity tennis squad started its season with a victory over the Long Beach Navy team by a 5-4 score last Thursday.

Jim Crawford won the fifth singles match 6-0, 6-3. Brian Eisenhart came from behind to top his opponent 1-6, 7-5, 6-3 at sixth singles.

The crucial match was at second doubles, where Jim Crawford and Don Smith won for Tech, 6-1, 2-6, 6-4. This was the final match, and gave Caltech the 5-4 advantage.

Caltech handset by the NAIA rule that forbade Bill Almassy from playing because he is a transfer student. Almassy will be permitted to play in league games.

Nips Navy

Jim Crawford won the fifth singles match 6-0, 6-3. Bruce Eisenhart came from behind to top his opponent 1-6, 7-5, 6-3 at sixth singles.

The crucial match was at second doubles, where Jim Crawford and Don Smith won for Tech, 6-1, 2-6, 6-4. This was the final match, and gave Caltech the 5-4 advantage.

Caltech handset by the NAIA rule that forbade Bill Almassy from playing because he is a transfer student. Almassy will be permitted to play in league games.

Oxy Dunks Swimmers

The Occidental College swimming team splashed its way to a poorly proportioned victory over Caltech of 126-69.

The Bears drove their small team of twelve over to Oxy Friday afternoon for the meet.

Mabry Tyson earned five points for Tech with his victory in the 200 yard breast stroke. Bob Hall finished third in the same event, for a total of seven points.

Steve Johnson took first in the one meter springboard competition to contribute ten points to Tech's cause. Gary Ready was second in the three meter diving, while Techer Ed Fronsack placed third jumping off the one meter board.

Lack Strength

Tom Coates won the 50 yard freestyle race as teammate Max Key tied for third place.

The team, lacking the strength it had last year because some good swimmers either graduated or did not come back this season, will host the University of Puget Sound tomorrow at 4:00 p.m.

Down the Tubes

They'll Be Just Like Us

by Etainna Scheuermann

Ed. Note—This is the second in a series of reports from Edward A. Miller, student at the Calmar Institute of Transectology. Perhaps I should state that I have explored as much as possible of the slang used by Miller and his fellow Transectologists, on the grounds that it would be incomprehensible to anyone else, or the outside world, if you prefer. In any case, occasional slang terms have remained in this report.

Student Edward A. Miller of the Calmar Institute of Transectology was returning to student cell after a guseuling afternoon of staring at the ceiling in classes, when a friend passing by intercepted him. "Hey, Miller, come on. The Cell Block Council is having an open meeting on the admission of girls next year, and it's open! We've got to go and listen to the arguments." Miller, a good Transectologist, loved nothing better than a genuine, philosophical discussion of some academic topic, so he permitted himself to be led off in the direction of the central meeting room, at "campus room", of the Student Brig.

As Miller and his friend entered, our philosophically-minded gentleman was completing what had obviously been a telling point, shouting, "Let them come! Let them come!" and making symbolic, ontological gestures with his hands and fingers as he spoke. This argument was second in importance only to Miller's, and highly pleased, seemed about to embark on an instant rebuttal, but his friend cut him off and moved to hear the next argument. Anyway, Miller noted with interest the occasional slang terms to be used in the following report.

Student Edward A. Miller of the Calmar Institute of Transectology was returning to student cell after a guseuling afternoon of staring at the ceiling in classes, when a friend passing by intercepted him. "Hey, Miller, come on. The Cell Block Council is having an open meeting on the admission of girls next year, and it's open! We've got to go and listen to the arguments." Miller, a good Transectologist, loved nothing better than a genuine, philosophical discussion of some academic topic, so he permitted himself to be led off in the direction of the central meeting room, at "campus room", of the Student Brig.

As Miller and his friend entered, our philosophically-minded gentleman was completing what had obviously been a telling point, shouting, "Let them come! Let them come!" and making symbolic, ontological gestures with his hands and fingers as he spoke. This argument was second in importance only to Miller's, and highly pleased, seemed about to embark on an instant rebuttal, but his friend cut him off and moved to hear the next argument. Anyway, Miller noted with interest the occasional slang terms to be used in the following report.

Student Edward A. Miller of the Calmar Institute of Transectology was returning to student cell after a guseuling afternoon of staring at the ceiling in classes, when a friend passing by intercepted him. "Hey, Miller, come on. The Cell Block Council is having an open meeting on the admission of girls next year, and it's open! We've got to go and listen to the arguments." Miller, a good Transectologist, loved nothing better than a genuine, philosophical discussion of some academic topic, so he permitted himself to be led off in the direction of the central meeting room, at "campus room", of the Student Brig.

As Miller and his friend entered, our philosophically-minded gentleman was completing what had obviously been a telling point, shouting, "Let them come! Let them come!" and making symbolic, ontological gestures with his hands and fingers as he spoke. This argument was second in importance only to Miller's, and highly pleased, seemed about to embark on an instant rebuttal, but his friend cut him off and moved to hear the next argument. Anyway, Miller noted with interest the occasional slang terms to be used in the following report.
Tech Sinks One

but Carrie missed the first one and Hanson grabbed for the rebound as two seconds ticked off until Redlands claimed a called time-out with one second left. As the Tech defense hunkered down to avoid a foul, a too-long inbound pass was predictably lofted to the top of the key to Owgy, who jumped, caught the ball in mid-air, spun and shot a 20-footer that bounded off the backboard as the buzzer sounded.

In the Low Blocking Catches, Hanson's scoring was led by Ault and Carrie who scored 15 points apiece and probably saved the game in the overtime as Carrie was called for fouling Tech's all the way, Ault added scores from a semi-stall and Ault saved numerous potential turnovers. Hanson and Jerry Feely added 13 and 11 points respectively to Tech's 12, Omgg was high scorer for the game with 33. In the three remaining games, Tech outscored Redlands 74 to 7 with the 7 rebounds split among 6 players. Hanson led the Bears in the game with 33. Still, shooting was the key factor in CIT's 74-43, as the Bulldogs could manage only 35.2% from the floor and 2 for 10 in OT.

Irresistibly, the Junior VARSI FARED OPPOSITELY TO TH losing to Whittier by a 73-60 score in a game that could have been won had it been a 73-61, as the six-man Redlands squad. George Meadows and Gary Prohaska tied for scoring honors for the week.

Tubes Go On

Continued from Page Eleven products of this system, which you have just maligned. Do they not speak for themselves about its results?

Miller, looking at his fellow Carringtons, had to admit that they did indeed indicate the results. "Miller, none of these individuals is what he was when he first came here, even the freshmen. They have all changed. Could any other system have done so much?" Again, Miller told to the point.

"Miller, have you ever had so much fun and clean fun in your life as you have had here? The camaraderie? The whole Big Brim which permeates even the most reluctant corner of this Big? The midnight visits of the Eavescoops? Are these not priceless experiences, which you will remember always?

"Miller, every individual here is a product of this system. Why, there isn't an individual left in this entire Big who doesn't agree with us totally. All of these people, your best friends and competitors, were made over by this system into what they are now. Do you reject this system?

"And now, females are to receive the opportunity to join us. Would you deny them this right? Would you deny them this golden opportunity? Would you deny them the greatest honor and privilege that Carringtons consider the opportunity to live, act, and be the way we are? All that they had they may some day even get to BE LIKE US."

Miller was overcome by the emotional intensity behind the argument of the Chairman, who was borne off in triumph by the Big members. Miller was borne off, too, but in a different direction.

Hour Ahead

HASP Beats Printers

The new operating system for Booth Computing Center's 360/75, HASP, got off to good start Monday morning. The operating system is a program which handles the scheduling of programs on modern, large computers. The objective is to efficiently utilize the resources of the computer. HASP has won high praise from staff and users alike for the startling improvements in job turnarounds, the average time between submitting a job and receiving results. Most marked was the improvement for smaller jobs, which ran about three times faster.

While some minor problems were encountered by users who had failed to add the new card required for HASP, the changeover was less traumatic than expected. Perhaps most affected were the operators. The speed caught them a bit off-guard. Senior operator, Joe Daws, exclaimed, "It's too fast!" as he dashed down the hall to check on input. At one point, the system was an hour ahead of its two hundred plus line per minute printers, an occurrence previously unheard of at Booth. Charles Ray, Booth's senior engineer, was overheard saying, "Well, printers are cheap." If a third printer is installed it should mean the end of the long waits for results of computer classwork. Even with the present setup, things are looking brighter for computing center users.

H -­ D87
S -­ Q 10 4 2
C -­ C C

C -­ C -­ C C

D -­ D -­ D D

West

South

East

North

Do you think a bright young engineer should spend his most imaginative years on the same assignment?

Neither do we.

That's why we have a two-year Rotation Program for graduating engineers who would prefer to explore several technical areas. And that's why many of our areas are organized by function rather than by project.

At Hughes, you might work on spacecraft, communications satellites and/or tactical missiles during your first two years.

All you need is an EE, ME or Physics degree and talent.

If you qualify, we arrange for you to work on several different assignments and you can help pick them.

You may select specialized jobs, or broad systems-type jobs. Or you can choose not to change assignments if you'd rather develop in-depth skills in one area.

Either way, we think you'll like the Hughes approach. It means you'll become more versatile in a shorter time.

If you are an equal opportunity employer.

HUGHES

Campus Interviews: February 27, 1970

Representatives of several activities of Hughes Aircraft Company (each with highly-specialized personnel requirements and separate interview schedules) will visit your campus. If your career interests lie in one or more of the following fields of aerospace/electronics, contact your Placement Office TODAY to make sure your name gets on the interview schedule for HUGHES AEROSPACE DIVISIONS:

MICROCOMPUTER SYSTEMS

Microwave & Antenna Engineering

Guidance & Controls Engineering

Spacecraft Design Engineering

Spacecraft Systems Engineering

Warhead & Missile Engineering

Weapons Systems Engineering

Electro-Optical Engineering

Microcircuit Engineering

Space Systems Engineering

Assurance Systems Engineering

Circuit Design Engineering

U.S. Citizenship required. An equal opportunity employer.