

FROSH AND SOPHS engage in a tug of war to begin the traditional Mudeo battle. More photos on page 5.

Vote Counter Needed

by Dick Beatty

The BOD met last Friday, starting out with formalizing Marie Beall as the new secretary by validating the previous week's election fiasco. After swearing to defend ASCIT'S constitution Miss Beall assumed her place as secretary, serving the honorable gents of the BOD.

Nominations for election chairman were opened; sign up on Flora's door before Nov. 22. This office is important in preventing disasters such as we had two weeks ago. The BOD also sanctioned (?) the ASCIT Musical The Student Prince and a conference to be held by the CCF. This entitles the group to lower use fees for Ramo & Beckman auditoriums, respectively, and makes ASCIT guarantor for any debts incurred.

Jon Teich has information on courses at Occidental College. An exchange program does exist; see him for more info. The BOD approved \$75 for construction of the Mudeo pit and also approved Hal Bright's request to form a Pot Club. That's all that hap-

First in 61 Years

Woman Elected to Board of Trustees

Mary L. Scranton, wife of former Governor William Scranton of Pennsylvania, has been elected to the Board of Trustees of the California Institute of Technology, President Brown announced Monday.

children, is the second woman in Caltech's history to become a trustee. Mrs. Clara B. Burdette served in that capacity from 1897 to 1913 when Caltech was known as Throop Polytechnic Institute.

the Master's office, x2195, be- memoration, which is to take place in Baxter Lecture Hall on Sunday, November 17, at 8:00 p.m. There will be a brief introduction on the history of these events, which eventually led to the overthrow of dictatorship in Greece, and a questionanswering period after the show-

Do You Sleep

Organizational Meeting, today, 3 p.m. in 210 Thomas.

Softball Players

There will be a meeting for all parties interested in being a part of the Caltech baseball team this Thursday Afternoon. Anybody who can play, manage, or statis-

Continued on Page Three

Five Letters, Three Spaces

Conjugate Courses Arriving

By Schmuel Schmuckputz

Many students do not seem to be aware of the rather bizarre faculty decision last year to consolidate any course offered in two departments into one course. For example, no longer are there any such courses as Bi 132b or Ch 132b; there is now only one course, called Bi/Ch 132b. This creates a problem in that all of the registrar's expensive forms, such as transcripts, registration cards, and grade reports, only have room for a three-character

department abbreviation. Since Bi/Ch is five characters, and since the faculty will not allow you to choose Bi or Ch, a compromise name for this course has been decided upon: *Bi 132b. Thus, when you preregister for this course, sign up the department as *BI. (The real puzzle occurs with IS/SS 142b-you must register for it as *IS 142B; however, you still get social science credit for it if you so desire.) The courses affected and their computer names are:

 $Ae/APh\ 101b =$ Ae/AM 102b =Ae/ChE 172b =AMa/E 161 =Aph/ME 17b =Bi/IS 121b =Bi/Ch 132b =Bi/Ch 133 =Ec/SS 11 =Ec/SS 12 =Env/Ge 103b =IS/SS 142b =L/Lit 150b =PS/SS 122 =

*AM161 *AP017B *BI121B *BI132B *BI133 *EC011 *EC012 *EN103B *IS142B *LI150B *SS122

*AE101B

*AE102B

*AE172B

The CALIFORNIA Tech

Volume LXXVI

Pasadena, California, Friday, November 15, 1974

Number 8

the sack race, wheelbarrow and

horse-and-rider events. These did

not run extremely smoothly

owing in part to confusion over

rules (caused somewhat by the

judges) but also to the fact that

about this time, the power for

the public address system mysteriously vanished. None of this

seemed to faze the contestants

much, and the freshmen went on

and Princess leapfrogging event.

The freshmen were able to put

up two eligible candidates, but

the sophomores were forced to enter one bonafide queen and

one token princess--none of which mattered, since the fresh-

men also took this event, making

Becky Hartsfield the current

Mudeo queen, and Lisa Heinz the

Next was the Mudeo Queen

to win these events.

A Big 9-0

Frosh Splatter Sophs in Mudeo

by Mudrock

The sophomore class suffered an overwhelming defeat last Sunday in what must have been one of the most one-sided competitions in Mudeo history. A handful of courageous sophomores turned out to meet a surly freshman class that showed up in full force.

After an irritating wait to attempt to even up the sides, the freshmen were asked to examine

the pit for hidden dangers. What they found is now on display between Baxter and BBB. The competition was then begun, as is usual, with the tug-of-war. Despite a tied rope-end on the sophomore side (in violation of the no-tie rule) and some help from some non-sophomore Scurves, the sophs failed to win this event, just as they failed to win any of the others.

This event was followed by

family name. She and the

governor had known each other

since childhood. She majored in

government as Smith College and

at the time of their marriage,

July 6, 1942, she was a research

analyst in the air section of

Mrs. Scranton's recent activi-

ties have been based in ecumen-

urban problems, particularly

those of housing, housing man-

agement and social problems

arising from low income public

military intelligence.

housing developments.

town that bears her husband's

current Mudeo princess. About this time, the sophomores were beginning to feel that they had lost the entire contest (which was quite correct, but that was beside the point), however, some traditional Mudeo last-minute point-juggling both prolonged the contest and angerism as a means of approaching

ed the freshmen. Last was the tire spree, which this year saw the introduction of the Bonus Tire. This was quickly Continued on Page Seven

Mrs. Scranton, mother of four

Mrs. Scranton was born in the

News Briefs

Instrument To Be Assaulted

See Hersh & Montgomery simultaneously assault a piano fore Nov. 20. today at the same old place south of Winnett. Sponsored by Attention Women the same old people, the Caltech

Summer Civility

The Placement Service has received information booklets on Civil Service Summer Jobs. It is advisable to apply for these jobs early, as their number is limited. It is necessary to take the Civil Service exam to qualify, although juniors and seniors with G.P.A. greater than 3.5 are exempted. Information can be obtained in Dabney Hall, Room 8.

Attention: Faculty

If you would like to share your Thanksgiving dinner with one or more students, please call

Volleyballers!

If you would like to play volleyball, the gym will be available from 9:00 p.m.-10:30 p.m. on Tuesday and Thursday evening beginning Nov. 7th. Arrangements have been made for coaches to be available during the warm-up period. Beginners are welcome! Any questions? Please Call: Sue Gregg, Page House, x2313.

Students:0 Tanks:1

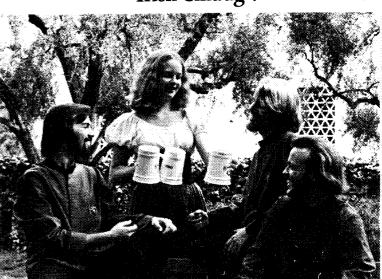
Everybody is invited to a free showing of bootleg documentary films on the Athens Polytechnic student revolt that was drowned in blood one year ago. The Hellenic Student Union is sponsoring this anniversary com-

ing for those interested. In The Nude? Don't forget the ASME

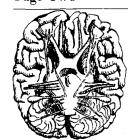
Get It Hard

ticise should find his way over to

Irish Smaug



PRINCIPALS of the ASCIT musical The Student Prince practice their carousing in anticipation of February performance. Photo by R. Gruner



from the cerebrum

Dennis Mallonee's criticism of ASCIT two weeks ago was reasonably accurate. I tried to explain ASCIT to the frosh in a *Tech* article the first week of school and failed miserably, frankly because I don't know what it does either.

But this is not cause for despair. I keep telling myself that any student corporation that has an annual budget of over \$15,000 can do something worthwhile. Thus far, this potential has not been realized.

One Might Ask Why

Some philosopher (I don't know which one) once said that people get the kind of government they are willing to put up with. In many cases this is true; I think ASCIT is a good example of this. If students don't care about \$22/year on their Institute bill then they can't expect it to do much for them. I urge every

ASCIT member to ask himself what he gets for his dues.

Frustrated? Don't be; ASCIT is your organization. If you don't like it, change it. Tell your "officers" what to do, and, if necessary, where to go. I am irked by the apathetic people around me who don't seem to care. Perhaps ASCIT isn't needed—maybe it should be eliminated or put on a small budget to administer other activities.

ASCIT now is not much; it can improve. Show your concern, PLEASE, or it will only get worse

-Dick Beatty

This is your chance to be an ASCIT officer! A chairman is desperately needed for the Election Committee. Sign up on Flora's door in Winnett.

Writing On The Wall

It Can't Happen Here?

by Dick O'Malley

Alan Shiller's letter in this issue of The Tech brings to mind a situation that occurred earlier this year at Georgia Tech. From the Technique of October 11, 1974, we print the following article by Bill Propp, which will hopefully serve as a warning to the Caltech community.

Dr. Alton Jensen, senior research engineer in the Information and Computer Sciences Department, posted notices last week of a quarter-old policy severely restricting the use of the Burroughs computer for computer games.

His policy limits computer gaming to four purposes: public relations demonstrations, laboratory work assignments, research and analysis of man/machine interface, and design studies for development of new games.

Jensen did this because games act as "a conflict with productive work." Students shunted aside an

assignment from a teacher, he claims, in order to play games.

Jensen says that during summer quarter some students spent more than half their computer time on games.

"Our \$15,000 GT 40 (a video terminal) should not be used to play lunar-lander eight hours a day," says Jensen.

"The policy is not to discourage productive activity," he asserts. "We try to make ICS inviting (through games) as well as encourage productivity."

The SYSGAMES file contains games in computer form such as dots, nim, blackjack, tictactoe, and hangman.

But the most popular game, in terms of the number of people who play, is Startrek. Startrek games have gone on for as long as seven hours. The incessant popularity of this game lead Jensen to the formation of the policy.

THE ASCIT FRIDAY NIGHT MOVIE

Take The Money And Run

7:30 p.m. & 9:30 p.m. in Baxter Lecture Hall

Admission: 50c—ASCIT members and their guests; \$1.00—anyone else

NEXT WEEK:

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THE CALTECH FORUM

Ms. Horner Annoyed At Angulo's Style

I would like to express my disapproval of the type of reporting represented by David Angulo's article in the 11-8-74 Tech, particularly the last paragraph on the JV polo game.

Why did the presence of a female player on the Redlands team turn the game into a "ruse" or a "humorous diversion"? Why should a game be considered a joke or a trick because a female is as capable at competing athletically as her male teammates? Since the mighty studs of the Caltech water polo team can't seem to win any games, they might do well to recruit a few capable female players.

Angulo might reply that he was simply recording the reactions of the audience to the game. Then why did he choose to make such a point of the reactions to a single foul com-

Continued on Page Four

BOC Urges Student Adherence To Computer Usage Guidelines

As everyone should know, the basic concept of the Honor System is that one must never take unfair advantage of another member of the Caltech community. This concept demands a great deal of awareness on the part of community members: awareness of one's actions and awareness of the consequences of one's actions. In recent times the Board of Control has seen that, with regard to the Computing Center, many people on campus suffer from the latter sort of lack of awareness. The Honor System does apply to the Computing Center and accordingly the Board feels that some consciousness raising regarding the operations of the Computing Center would be helpful.

Let me first describe the financing of the Computing Center. It costs about \$1.7 million per year to run the

center. All of this money comes from paid computer accounts except for a \$500,000 Institute subsidy. All computer accounts must be paid for and nobody may pay less for an account than the government does. (It's the law.) Most of the Institute subsidy goes to the IBM 370 which is financed separately from the PDP-10. With this aid, the Institute has about \$200,000 worth of computer accounts on the 370. These "funny money"

letter continues in next column

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Staff David Angulo, Dick Beatty, Flora Boyer, David Callaway, Young-Il Choo, Marc Donner, James Llewellyn, Phil Massey, Dick O'Malley, Peter Pathe, Chris Russell, Etaoin Schroedlu, Paul Shubert, Alan Silverstein, Dave Sivertsen, Nick Smith.

Photographers Greg Bone, Bobby Bus, Ray Feeney, R. Feldman, Gerald Laib, Dirk Pellit, C.N. Pow, Terry Sheehan, Chris Wheeler, Ken Yoshida.

Business Manager Gavin Claypool Circulation Manager .John Dilles

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WINNETT LOUNGE FRIDAY, NOVEMBER 22

accounts, as they are called, are given primarily to researchers who bring money to the Institute from outside sources. The PDP-10 almost pays for itself, so very little of the Institute subsidy goes to it. No "funny money" accounts exist on the PDP-10.

The concept of the real money value of computer accounts has been difficult for many people to accept. Students have often felt that the fifty dollar PDP-10 accounts of previous years were "funny money." This belief was often justified with the remark, "Nobody ever gave me fifty dollars before, so it must not be real." Some students even felt the accounts issued by instructors (in Ch3, Ph3, etc.) were also "funny money." Yet all of these accounts were paid for and people who used them in unauthorized or improper manners were responsible for wasting many hundreds or thousands of Institute dollars. Ch3, in particular, was hit by a plague of unauthorized game players last year. Users should remember that the person paying for the account has the right to determine what the account may or may not be used for.

The Computing Center has

only a few rules regarding the use of its facilities. Most of these rules can be found in the pamphlet which was distributed at registration and which is reprinted elsewhere in this paper. This pamphlet provides some sound guidelines to proper usage of computer accounts. (It should be noted that this year's "unlimited" 29970 accounts to which the pamphlet refers, will have a limit placed on them should usage dramatically increase.)

One of the more controversial subjects related to the use of the computers is the subject of computer hacking. To paraphrase the aforementioned pamphlet, hacking can be defined as the intentional use of an account to exercise privileges to which the user is not entitled. The Computing Center, of course, opposes hacking; its policy is explained in its pamphlet. The Board feels that all users should be certain that their actions while using the computer system do not unduly interfere with other users or with the operation of the computer. Hacking is dangerous as it exposes the system software to the risk of impairment. It is indeed unfortunate that in recent years hackers have been responsible for many incidents detrimental to other users and to system integrity, including incidents of "crashing" the system.

Many frequent student computer users claim that they must hack the system in order to do advanced programming and to learn how the software works. This need to hack is not completely justifiable; nonetheless it is understandable. Although some students have received permission to exercise privileges on the computer, few opportunities exist. Although there are manuals and seminars regarding the system software, nothing can replace actual on-line experience. Unfortunately, Computing Center officials themselves seem unclear on the opportunities (i.e. use of privileged accounts, access to system programs, etc.) available to students. Three separate officials interviewed by Board members gave three separate views of what is and what is not available to students in regard to the computer. Therefore, the Board encourages the frequent users to reorganize the computer club and opportunities in advanced pro-

Restatement of Computing Center Policy on PDP-10

At the suggestion of the Computing Facilities Advisory Committee, and with the approval of the Administration, the Computing Center is experimenting with a new policy governing student use of the PDP-10 computer during the 1974-1975 school year.

In the past few years, each student was offered a "birthright" account of \$50 which could be used on the PDP-10 at his own discretion. Additional increments of \$50 were doled out rather freely upon application to the Computing Center, but students generally seem to have felt that his \$50 (or n times \$50) 'limit' severely restricted their use of the computer. The experiment in 1974-75 is to do away with this limit.

As in the past, each student wishing access to the computer will obtain an account by reporting to the Computing work to secure increased student Center Business Office, Room 158, Jorgensen. This account, as gramming. It is also suggested previously, has been set up by that ASCIT aid be secured in the administration to pay the -Alan Shiller Computing Center for all student

use of the facility. This year, however, no dollar limit will be specified on the student authorization. In a sense, therefore, each student is granted unlimited access to the PDP-10, but we would hasten to add that the funds available for this use are not limitless.

The intent of the Advisory Committee was to provide easy and adequate access to any student who wishes to pursue his own intellectual investigations and to relieve the faculty who wish to use the PDP-10 in support of classroom or homework assignments of the burden of setting up specific accounts. Thus the kinds of computing permitted cover a broad spectrum and it is easier to list the few prohibitions associated with this account than to specify its applications:

- 1. The account may not be used for commercial (e.g. money making) or extra-Caltech activi-
- 2. The account is not transferrable.
- 3. The account may not be used for computing associated

Continued on Page Seven

News Briefs

Continued from Page One the lecture room in the gym at 4 p.m. No experience is required.

Do You Know Where You're At?

Off-campus people, particularly freshmen, are requested to give the mail room a forwarding address.

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TUESDAY, NOVEMBER 19, 7:30 p.m. **BAXTER LECTURE HALL**

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I'm told that I should be more laconic in this column. Too bad, as I'm an insanely garrulous soul, but I'll try. For off-campus music I recommend Ian Whitcomb at the Ice House this weekend. There's more for offcampus drama, however. Yesterday at UCLA's Macgowan Hall a production of Shakespeare's Timon of Athens opened. This is perhaps Shakespeare's most obscure and least performed play, making UCLA's production a rare event, not to be missedespecially for \$1. It runs until November 23.

Players U.S.A. at 550 W. Broadway in San Gabriel will open a new show tomorrow evening, consisting of Jean Paul Sartre's No Exit and Slawomir Mrozek's Out at Sea. Both are outstanding representatives of twentieth century theater. The works are aimed in separate directions, yet they are curiously alike. They should comprise an excellent evening's diversion.

We also have underground theater in Pasadena. In the basement of the First Congregationalist Church at 466 E. Walnut, you can find the TOBA WEST Theatre, Inc. Primarily directed at the work of black and underground playwrights, TOBA is currently in its first full repertory season. "Echoes of the Confined" opens there tonight at 8:30, featuring "The Prison Letters of George Jackson" and "Long Time On the Merry-Go-Round."

For music on campus there is Sunday's Coleman Concert with the Guarneri Quartet. There may be some free or dollar tickets left, so check on it. The program consists of Mozart's Quartet in C Major, Beethoven's Quartet in C Major, and Berg's Lyric Suite. For drama on campus, tonight and tomorrow you can still see Spectrum Production's Ghosts. The show is excellent, and there

Angulo's Style

Continued from Page Two

mitted by one (female) player, while glossing over the mistakes of others who fouled out, or of those whose fouls allowed their opponents to score? Surely the audience must have had some reactions to the varsity game. Why didn't Angulo choose to report those reactions?

Finally, if Angulo really holds the opinion that women should keep out of the pool and continue to let men monopolize athletics, as he seems to imply, then he should label his articles as opinion and place them on the opinion page.

Perhaps David Angulo thinks it's humorous to ridicule other people for no reason. I don't, and I'd like to see such shoddy reporting kept out of The Tech.

-Laura Horner

had better be a review of it somewhere in today's paper.

If you want to do drama and/or music, join this year's ASCIT Musical. The students in charge have chosen Sigmund Romberg's The Student Prince, and it promises to be a truly outstanding production. If you are at all interested, or just want to complain about our taste (the last fool who did became a lead) call the omnimpotent Flora.

Lest you think that you've no time to be entertained and really ought to troll, remember that finals are but four weeks away.

-Chris Harcourt

Spectrum Productions

The Ghost & Mrs. Alving

Ghosts, Spectrum Productions' current dramatic effort, rates close attention. Some of Henrik Ibsen's themes may seem passe by today's liberal standards, but there are those who still live in the nineteenth century.

The plot is tight and intricate, the characters are few, the play's duration is the space of a single night. The only scene is that of a sitting room in a Norwegian country house, and the off-stage action is strictly limited.

Ghosts was written in 1881, two years after A Doll's House and in some ways is an alternate ending and continuation of that earlier play. That is, instead of the wife walking out of the marriage, the wife remains. At the time of Ghosts, however, it has been ten years since Captain Alving died.

The whys and wherefores of

her walkout are a launch point for debating society's conventions, including that of marriage itself. Mrs. Alving, on the eve of dedicating a memorial to her dead husband, attempts to shake off the role she has been coerced into keeping. Acting as catalysts are her son Oswald, just returned home from years on the continent, and Pastor Manders, the staunch supporter of society's mores.

The "ghost" of Captain Alving's licentious past appears in two forms: the inheriting of syphilis by Oswald, and the presence of Regina, a servant, who is really Capt. Alving's illegitimate daughter by a former servant. These are reinforced by Ibsen when Oswald shows an interest in Regina, thus unwittingly proposing incest.

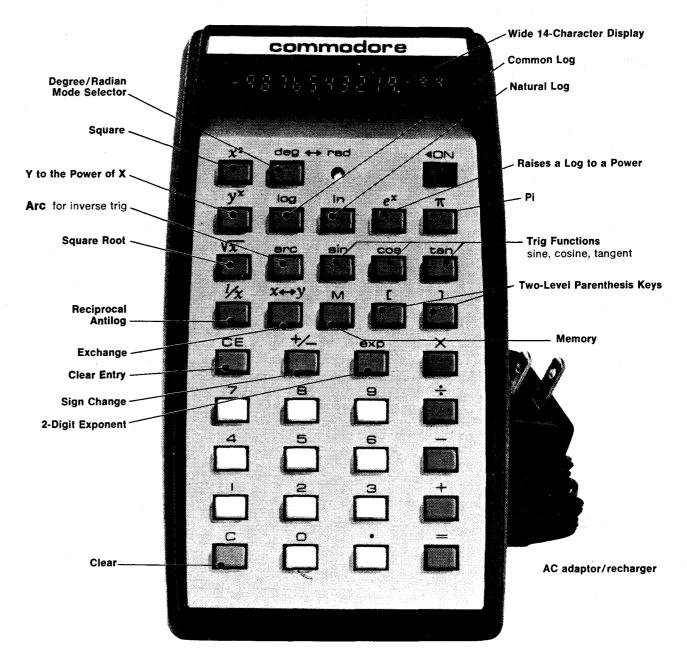
The performance's drama is

sustained throughout; in particular the second act grips the interest from curtain to curtain. The play's final scene, though, when Oswald collapses from his disease, in front of his mother, seemed to drag on and on, spoiling the effect.

The only real flaw in the performance itself was that at times some of the characters turned into caricatures, less believable than they might otherwise have been. Betsy Savage was particularly good as Mrs. Alving, as was John Chilton as Oswald. These two, along with Janelle Buff (Regina), King Stuart (Pastor Manders), and George Kyron (Engstrand) provided a generally well-received performance. Set designer Barry Frost turned out some excellent work, and director Shirley Marneus seems to have done a very creditable job in this, the seventh Spectrum production.

Ghosts finishes its run tonight and tomorrow night at Ramo Auditorium, 8:00 p.m.

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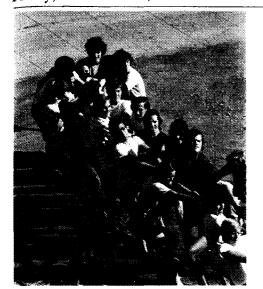
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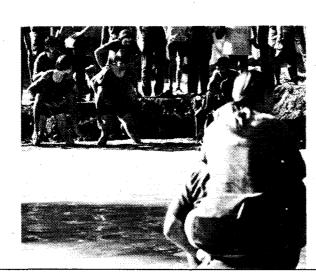


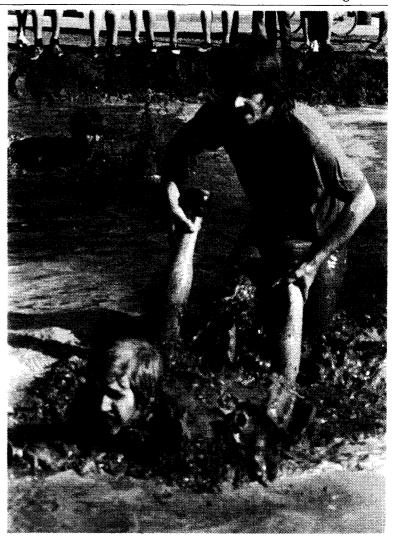


Muddeo 1974



A Saga of True Grit





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A few years ago, a lot of small record stores were carrying a mysterious record. It had no fancy labelling, and no apparent artist. All it said was, "Great White Wonder." The record was rumored to be previously unreleased material by Bob Dylan, issued without the permission of Columbia records. That was the start of modern pop record bootlegs.

The result of the popularity of that first GWW record was that a lot of enterprising people started sneaking tape recorders into concerts, convincing larcenous sound engineers to make extra copies of masters, and other miraculous methods of obtaining music without the knowledge or consent of the record companies were devised and used. Several hip entrepreneurs made small fortunes by marketing these bootlegs, since the laws on the subject were rather weak. Finally, pressure by the recording industry caused a rash of federal laws that have at least forced the toning-down of the marketing of bootleg records.

There has always been one

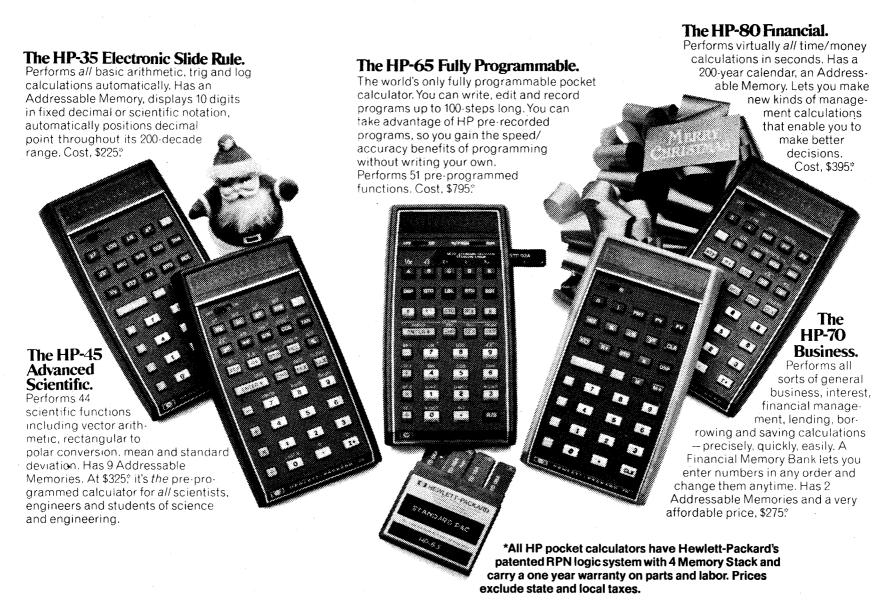
major problem with buying bootleg records of your favorite stars: the recording quality. In some cases it is excellent, but in others the sound is terrible at best. One major rock star said "I don't mind being bootlegged so much, it's rather flattering. I just wish they'd make ones with decent sound quality." The purpose of this column is to separate the musical wheat and chaff.

Crosby, Stills, Nash and Young is definitely chaff. This bootleg seems to be a bootleg of an earlier bootleg. The original was put out by a company lovingly known as "Rubber Dubber," while this new edition is by Lid Records. It seems to be a recording of a concert given at

the Forum in Inglewood on June 26, 1970. The concert itself had a lot of good music, and the songs included on the album are among the best ever done by the group. Unfortunately, the recording sounds as if it were done on a cheap 1970 cassette machine being held under water. This manages to outweigh the value of live versions of good music. This new edition seems to be an effort to take advantage of the CSNY concert tour a couple of months ago. Many bootlegs are made in an effort to give fans something new to listen to. This one is just a rip-off of the listener by Lid Records. Don't buy it.

Continued on Page Eight

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spectacular themes on the anti-

features is the use of what

Messiaen calls "Communicative

Language." Here every letter of

the alphabet is assigned a note,

and a sentence (in French) is

played on the organ. This has a

rather confused sound; often one

voice speaks the communicative

language and others support it

with chords. While at first this

seems interesting very shortly it

becomes old. At this point one

can only appreciate Dr. Gillock's

rendering of such sustained ran-

dom dissonance. Messiaen aug-

mented his musical alphabet with

a rising and falling musical se-

One of the work's fascinating

phonal trumpets.

Olivier Messiaen's Meditations sur le Mystere de la Sainte Trinite, performed last Sunday at All Saints Church, is a creative and clever means of communication between the composer and the listener. Messiaen is known for avant-garde compositions but this organ work combined the best elements of classical and contemporary style.

The work is structured in nine meditations, with different sections within each meditation. The detailed libretto proved invaluable in determining the message of each section; various parts convey images of majesty, compassion, eternity, and solidity. The program allowed the audience to anticipate each mood and enhance it, often with a Biblical passage in explanation.

Dr. Jon Gillock of the Juilliard School performed the work, assisted in registration by David

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The program is so varied that effect of the work. Combinations of bird calls, plainsong chants, fornia can look forward to more

MUDDEO

Continued from Page One

The planners of this event man Chris Wheeler.

it must be studied to get the full chord progressions and communicative language form a beautiful work when time has been spent mentally correlating them. Messiaen's popularity is increasing and Southern Calimusic from this fine French composer.

-Dick Beatty

grabbed by the freshmen along with most of the other tires, making them the winning class. Just for the record, the final score was 9-0.

wish to thank all the participants, Ken Schmitz and Bob Townshend of the Grounds Department, and especially fresh-

Policy

Continued from Page Three with sponsored research.

- 4. The account may not be used intentionally to exercise privileges to which the user is not normally entitled. Examples
- a) Locking the program in core.
- b) Reading or writing files protected against such activity.
- c) Bypassing the Accounting System.

We recognize the fact that there are some students who have a genuine interest in learning about the design and implementation of the operating system of the PDP-10 and it is difficult for them to do so without access to the privileged sections of the system. This kind of activity, however, adversely affects the ability of other users to utilize the computer and may intrude upon their privacy and is therefore prohibited. The Computing Center in the past several years has conducted non-credit seminar for those students interested in the structure of the system, and this practice will continue.

A policy embodying essentially unlimited and free (to the student, not to the Institute) use of a computing resource raises an obvious question:

Will the users who do not have to concern themselves with costs, monopolize the resources of the facility to the detriment of other users?

We do not know the answer to this question at this time. It is the policy of the Computing Center to enforce constraints on computer utilization only to the extent required to assure that all users have equal access to the resources. In the present case, the need for restrictions will not be anticipated but will be imposed and enforced if and when the need arises.

However, experience at other similar installations (Science, Vol. 184, p. 957, 1974) has shown that even enthusiastic use of the few "computer fanatics" among a student population cannot use up an embarassingly large fraction of the main resources of a timeshared computer. Certain fixed resources, such as disk space or line-printer output may have to be restricted if they are abused. The PDP-10 operating system presently will not assign a region larger than 56K words to a single user. It is hoped that this limit will not have to be revised downwards.

As we stated in the first paragraph, this new policy is a one-year experiment. Its future depends heavily on this year's experience. We believe this new arrangement is a good one and that it will work satisfactorily. Whether we prove to be right or wrong depends on you. We welcome any comments you might have regarding this matter; please direct them to C.B. Ray, 158-79.

Autographing Party

Authors Larry Niven and Jerry Pournelle will be autographing copies of their justpublished novel, The Mote in God's Eye, at A Change of Hobbit bookstore, 1371 Westwood Blvd. in Westwood from 2-5 p.m. tomorrow.

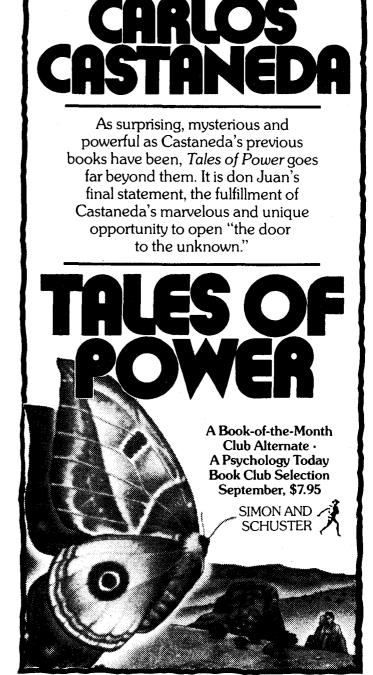


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Soccer Ends Season

1-0 when Tech missed a penalty

kick. The Beavers have a thirty

per cent shooting average on

penalty kicks for the year, a very

low mark. Jim Hickey tied it up

in the second half on a pass

across the goal. Later in the

second half Tech goalie Ken

Severin was caught away from

the goal to give La Verne a 2-1

lead when the regular 45 minute

half was over. The referee's clock

was apparently slow, however, as

the game lasted 15 minutes and a

The soccer team plays the

grad student club on Saturday at

10 a.m. Post-season games with

Ambassador and P.C.C. are being

La Verne goal longer.

scheduled.

by Chris Russell

The soccer team brought its league season to a close with losses to Claremont and La Verne. On Saturday, the team traveled to Claremont, without John Dilles, Jim Hickey, or Alaudin Bhanji. Goalie Steve Trimberger was also sidelined. Tech failed to score as Claremont put in three goals with ten minutes remaining. Exhausted by this time, Tech fell apart as the Stags scored another three.

Tech lost 3-1 Tuesday to La Verne in Pasadena. The score was

discobolus

Fleming beat Dabney 44-30 in Discobolus Basketball. Fleming was behind 22-19 at halftime. At this point the rest of Fleming's first string showed up. Fleming scored eight straight points to start the second half and outscored Dabney 25-8 in the remaining minutes of the period to produce a substantial victory.

This week Page challenged Fleming in volleyball, ping pong, and track. Fleming accepted in track and field.

No Money for Kansas

Griffin Places in Finals, But...

by Dave Sivertsen

Six members of the Caltech cross country team participated in the NAIA District III finals last Saturday. The meet was held on a warm, slightly breezy day at Biola's five-mile course. A light smog was present.

United States International University took first place, followed by Southern California College (better known as \$.¢.¢.) in second, and Tech in tenth (out of twelve).

G. Frediksson, one of several Swedish runners from USIU, took the individual first place. Greg Griffin of Caltech finished eleventh with a time of 26:08,

qualifying for the NAIA finals to which he won't be able to go because of a lack of funds at Tech. Also competing for the Beavers were Steve Kellogg (45th), Rick Debus (54th), Jeff Poulin (64th), Joe Arpaia (71st), and Ray Jean (74th).

This was the last scheduled meet, but anyone interested in marathon running (26 miles, 385 yards) should contact either Greg Griffin, Dave Sivertsen, or Coach Leroy Neal for information.

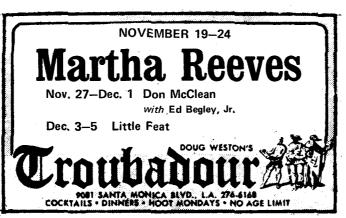
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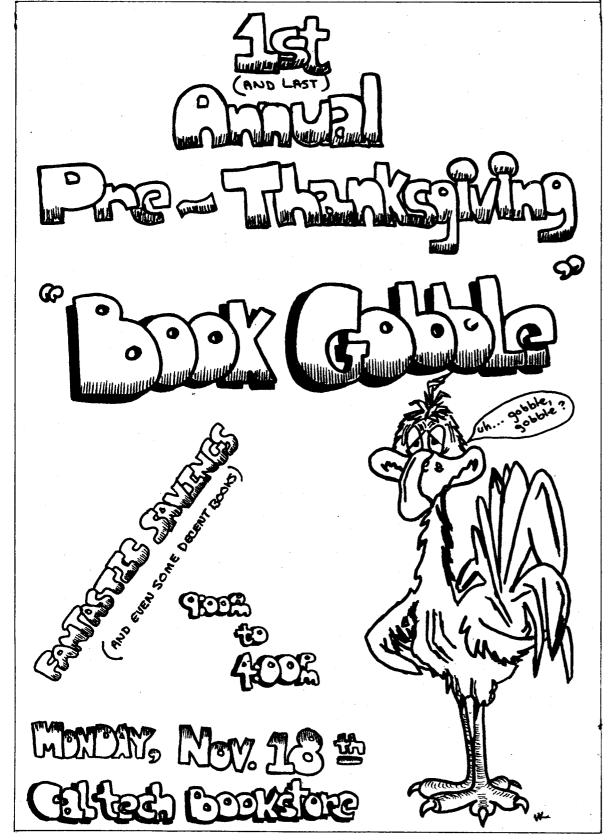
Underground

Continued from Page Six

The 1972 American Tour by Emerson, Lake & Palmer is at least of good recording quality, It includes concert versions of some familiar material, "Pictures at an Exhibition" and "Tarkus", as well as something called "Grand Finale," which seems to be the closest ELP come to just jamming in a concert. The recording was made on July 28, 1972 at the Long Beach Arena, and is a double album with well over an hour of ELP music. The quality of the record is good, but not great. It will never outsell the new live ELP legitimate album.

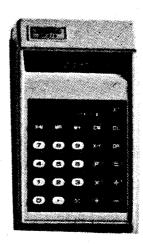
–Snick







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