

**Chick:** "Are we people?"  
**Hen:** "No, we're chickens."  
**C:** "Are we born?"

# California Tech

Associated Students of the California Institute of Technology

**H:** "No, we're layed."  
**C:** "Are people layed?"  
**H:** "No, some are chicken."  
 —The Great Scott,

Volume LVIII

Pasadena, California, Thursday, November 17, 1966

Number 9

## Finance Drive To Help Fund Y's Programs

The annual YMCA finance drive will run from Monday, November 28 through Sunday, December 4. Jim Fishbein and Greg Lutz are supervising the collection from the undergraduates dwelling in the Student Houses.

Those off campus, plus grad students, will be contacted by friends or Y members. In addition to students, the Y receives funds from friends, who donate in proportion to the money received from students.

### What the Y has done

The funds the Y gets go to help provide many activities that no other organization on campus would. Last year the Y Leaders of America series brought Saul Alinsky and Ted Sorenson to the campus. The China Institute and the Spectrum series also brought interesting outsiders airing all political viewpoints. The Creativity Conference, art class, War Games, and Scripps Conference helped students come to a better understanding of themselves.

The frosh dinner forum exposed freshmen to more intimate contact with interesting people, while the grad sack lunch performed the same service for the other half of Trollville. Such constructive activities as the Jordan and West Side tutoring projects are also Y-sponsored. The Y is also connected with the coffeehouse project, and the Women's College Committee (yea!).

### For you

The Y plans to continue these and other activities in the coming year. Already the Leaders of America series has brought

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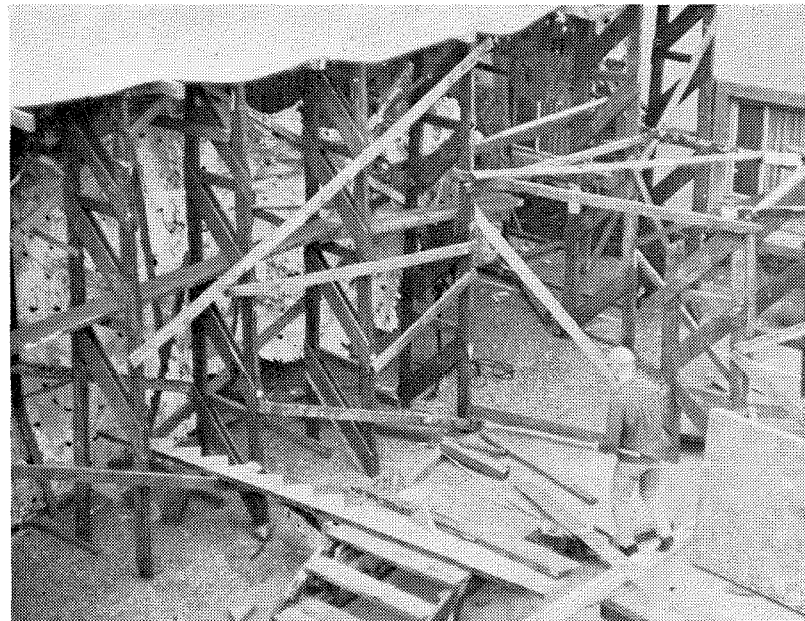
## Coffeehouse Stopped By Institute's Plans

Ever since that long-ago day when some Tecker climbed down a tree and said, "What this campus needs is a coffeehouse!" the prospect of an after-hours gathering and eating place for students and faculty has been for students and faculty has been denied, affirmed, discussed, debated, and proposed. But at last some solid action is being taken to make this wish a reality.

### Genesis

The current action originated at the YMCA Planning Conference last year, when the idea engendered widespread enthusiasm. As a result of this feeling, an Ad Hoc Committee of students and faculty began work on the problem. Initially the committee collected data in an effort to decide what kind of coffeehouse would best satisfy the desires of students. This included a poll of graduates and undergraduates during second term.

Then the committee undertook a detailed study, with the help of Mr. Kermit Jacobson, Caltech director of procurement, of the obstacles to overcome, in-



GREG EVANS keeps lonely afternoon vigil over Ruddock's massive Interhouse construction effort, last Tuesday, November 15. Note Ruddock's attempt to stave off rain with invisible shield at upper left.

## Freshmen Tromp Sophs in Mudeo

by Benson

"Muddy, ill-seeming, thick, bereft of beauty . . ."—*The Taming of the Shrew*, Act 5,

As with every Mudeo, this year's edition was in doubt almost to the last minute, i.e., two weeks before the contest. While the vain and impecunious sophomores trusted to their overweening strength and vile cunning, the upright, innocent frosh repaired to the ancient upholder of all rich, generous underdogs, the art of monetary persuasion. In this art, the enterprising freshmen were aided by the avaricious, venal juniors, who served as unbiased, judicious, and honest politicians.

As the opening of the great test of the powers of strength truth, uprightiness, and innocence against those of stealth, intrigue, underhandedness, and

debauchery, approached, the audience was easily able to tell one team from the other. While the forthright frosh stoutly prepared for battle, the sophs, suddenly aware of their miserliness and lack of philanthropy, fearfully awaited the advent of their destruction.

The first event was the tug-of-war, which went easily to the sophomores, whom a year of living on wholesome, rich Saga food had made fat and impossible to dislodge from their obesity, despite the efforts of the frosh's champion trencherman, Tugender. The sly juniors allowed the sophomores to win so as to raise their hopes even higher before their shattering

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TIRE SPREE brings out lowerclassmen's hostilities at last Tuesday's Mudeo. The Sophs cheated grossly during the spree, and the event (hence the Mudeo) went to the more naive frosh.

## Caltech Art Exhibit In Winnett

In connection with the resurgence of the Humanities at Caltech, Exhibit 66, a show of oil paintings by Caltech artists, opened last Monday and will continue until the end of this month. This art show is the result of the efforts of many talented artists and Art Committee members.

The Chairman of the Art Committee, Gary Luxton, a graduate student in physics, stated that, "the art show will give a chance for art, which is often slighted at a technical institute,

## Houses Completing Interhouse Dance

by Les Fishbone

Interhouse is upon us. This Saturday evening the seven Houses will do their best to snow the vast number of visitors with their ingenuity, hard work, and imagination. Because of last year's rain-soaked fiasco, construction has been kept to a minimum by most of the Houses, with much of the emphasis now on visual or live effects as opposed to mountains of papier mache.

### Did the Mad Hatter eat hallucinatory mushrooms?

Blacker will give visitors an inside view of a rabbit hole a la Alice in Wonderland. Featured are giant playing cards, giant mushrooms, and the Jabberwocky burbling through Tolley Wood, the Blacker courtyard.

One must negotiate a maze of tunnels to enter Dabney's "bad dream." Optical illusions will tell the observer that nothing is right. Rooms are slanted, halls converge to produce a claustrophobic effect, and the whole thing is topped by a rock band.

### 28-ft. nude?

Two water fountains greet the patrons of Fleming's Wild West gold mining town. Inside, a 28-foot bar will attract thirsty guests; a bigger-than-life nude above the bar should please their aesthetic tastes. The usual Fleming show consists this year of a folk-singing group and the inevitable skits satirizing life at Caltech. People in the audience who do not applaud are des-

tinued for the gallows in the courtyard.

Lloyd is putting together a Camelot theme. Construction includes a county fair in front of a medieval castle; live effects will add to the ribald atmosphere. Knights will do battle on the tournament green for the charms of some fair young lady, minstrels will stroll and soothe the savage beasts, while a band inside will return them to a state of contemporary frenzy.

### Triton is a salamandar

A lunar landscape with craters and pointed hills confronts the inhabitants of Page's "Eighth Moon of Saturn." Inside the lounge will be a temple to a somewhat queer-looking god and

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## Y To Sponsor Viet Discussion

Dr. John Swomley, the first of a series of speakers on Viet Nam, will informally relate, tomorrow at 2 p.m. in the Caltech YMCA lounge, his recent conversations with Viet Cong representatives in Prague and Geneva. At the World Peace Council in Geneva Swomley met with representatives of the Red Chinese, and in Prague he had a five-hour discussion with Viet Cong representatives.

Swomley is a minister of the Methodist Church and is currently a professor of Christian Ethics at the Saint Paul School of Theology in Kansas City. He has been connected with the civil rights movement since 1941 at which time he roomed with James Farmer in Harlem. Although primarily responsible for forming the Committee Against Jim Crow in Military

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## Notices

### LAST CHANCE TO GET OUT!!!

Drop now while you can. Tomorrow, Nov. 18, is drop day.

### THE CALTECH COMPUTER CLUB

will meet tonight at 8:00 p.m. in 201 Booth to elect new officers and discuss club policies.

### GO PLAY FOOSBALL

the fast-moving new coin game imported from Europe and installed in the Winnett Gameroom this week. The game is played by two teams of one or two men each team contributing one dime. Essentially table-top soccer, the game continues until a total of 9 goals are scored, usually about 10-20 minutes. One-half of the game proceeds go toward the improvement of the gameroom, so support your gameroom and foosball.

### OIL PAINTING EXHIBIT

opened on Monday, November 14, this show continues until the end of the month in Winnett Lounge. Artists include grads, undergrads, faculty, and staff.

## Editorial

# Coffeehouse Will Benefit The Campus Leaders

The administration of Caltech has yet to regard the Coffeehouse program as having the support of the great majority of the student body. If the Coffeehouse were a necessary item, surely all would agree that Caltech should have one. An after-hours meeting place for slinging bull and sipping coffee is obviously not a necessity, however—it is a luxury. In order to justify the spending of \$25,000, the administration expects \$25,000 worth of enthusiasm.

Other colleges have traditional late-at-night hangouts — oftentimes more than one, for most colleges are larger than Caltech. These traditional places grew to serve a need, exemplifying good old Adam-Smithian theory; if such a crying need for a coffeehouse had been felt at Caltech for some years past, then why hasn't a coffeehouse grown up nearby? Is the hue and cry just synthetic propaganda whipped up during this past year by a few campus activists?

### We try harder

We think not. The student body at Caltech, we feel, is changing, or attempting to change. Ever since the Admissions Committee has begun to rely upon other criteria than grades and interest in science in choosing freshmen, the student body has become more diversified. If, as our faculty and administrators were so proudly repeating a couple of weeks ago, Caltech has come a long way in 75 years, so has its student body. From the **California Techs** all the way back to 1946, we editors conclude that both the interests of the students and their dissatisfaction with Caltech have grown in recent times.

We still have a great number of people who stick like moles to their rooms, but they are no longer prestigious. Apathy prevents the pendulum from swinging to the other extreme, but the respected man on campus today is not the purely scientific man. Maybe he will win a Nobel Prize; this does not automatically win him the respect of his fellow students. The whole man is more important.

The worth of a coffeehouse is that it provides a place to exchange ideas. The reason that a coffeehouse is wanted now is that more students want to exchange ideas than formerly. There is no tidal wave of enthusiasm for a coffeehouse; that's right, campus leaders are self-interested in their support of the idea. But a small-scale coffeehouse should result from the deliberations next week; if it doesn't, Caltech will be significantly poorer.

—Michael Meo  
John Middleditch

## Y-Dinero Compra Mucho Cerveza, Mon

(Continued from page 1)

Paul Goodman to campus, and Rosemary Parks is tentatively scheduled for later in the year. A series of speakers on Viet Nam has been scheduled, along with a four-day Thanksgiving Sensitivity Training Conference

involving 70 people, 30 of them women! It is hoped to hold a conference of college presidents here this year. An expedition to Chicago will be made over Christmas as part of a national program to explore the inner workings of that city.

## Letter

## Editors:

The review of the Stravinsky concert in the Beckman Auditorium "bitten by Benson" neither rings the echo of the truth as received by others, nor can it be an inspiration for future performers of status to open their rehearsals to the superior ears and mentalities of Caltech students. There are many things "youth" should hold holy, untouched by the fact of how clever and witty one might be; it seems to me that genius and unmatched years of experience are two of them.

In case one of your **California Tech** papers fell into the hands of the Maestro, he should be firmly assured that the audience of the Monday concert appreciated these hands tremendously and with deepest admiration. In spite of their 85 years of life experience, they held 45 instrumentalists masterly and creatively in their absolute power, even though each one of the musicians seemed to be a master virtuoso in himself.

### The pros liked it

Contrary to Benson's cold-blooded anti-enthusiasm, which claimed that "the orchestra was recruited piecemeal in the Los Angeles area, and lacked cohesiveness and comprehensive rehearsal," local music critics reported that "the orchestra played as though inspired by the challenges of the composition and the greatness of the conductor," and that "the performance was a delight in its directness and subtlety of color and instrumental detail, and for its expressive shading." Also on the Master's protegee, Robert Craft, and the perfect acoustics in Beckman on this evening received the public's tribute they deserved: "The strength of conducting, vigor of playing, and acoustics of the hall made one forget that the symphony was played by a chamber, rather than a symphony orchestra."

A rehearsal should not be criticized as a "performance," for it is not. Rather it was a very generous permission to let the young and learning observe the old, and one who is a master, at work. For those, however, who attended the final concert on Monday, the performance was an experience one shall not forget!

We are deeply thankful to the Maestro for honoring us with one of his rare appearances. And the Caltech Faculty Committee on Programs should be congratulated not only by the Caltech Community, but by the entire city and surroundings for bringing such an uplifting, once-in-a-lifetime experience to our Beckman Auditorium. It outshines any event the hall has seen since its existence, and it was certainly well deserved to have it designated as Caltech's 75th Anniversary Concert.

—Margot Jenner

For the first 18 or so years of his life, we agree that the proper course for a young man is to listen. After that, however, he should begin to express his own opinions and see how they are received. We attended the rehearsal and think that this review of it was valid, of enough worth to be published. Mr. Stravinsky's achievements already have enough stature, we feel, without our adding a few more peans.

—The Editors

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# Spook Haunts Houses Students Give Chase

by Dave Lewin

Caltech is so fraught with characters that no one thought it odd that a disheveled stranger should be wandering through the halls of the Student Houses making himself "at home." The Spook, as this stranger has come to be called, first called attention to himself on October 31 while wandering nocturnally through the halls of Ricketts House.

Bruce Maaser, a freshman, reported that he was taking a test when he heard this door-knob turn. Upon investigation, he discovered the Spook, sitting on the stairs munching potato chips. When asked why he had tried the door, the stranger replied that he had forgotten why. **Origin of Universe only 35 cents**

When Maaser returned to his room, the Spook followed him in. The stranger gave his name as Art Lennin, but his identification bore the name Eric B. Holter, the name he said he used to "get into bars" and for similar purposes. At first Holter-Lennin claimed to be a grad student, but later said that he would be entering as a freshman next year. He tried to sell Maaser his theory of the origin of the solar system for 35 cents, but the theory turned out to be a scrap of paper on which a spiral had been drawn. At this point, Larry Dillehay, the UCC of Maaser's alley, called for both the campus police and the Pasadena Police. Holter

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## Sophs Munch Mud

(Continued from page 1)

letdown.

By this time, both teams had been blooded (muddied?) in battle, and the fighting ire was high. The indomitable frosh, led by indomitable, abominable, Robert Strelitz, swept the sack race easily from the leaderless sophs, whose coach had prudently decided to attend water polo practice. Despite an illegal attempt by the sophomores to prevent the inevitable defeat, the sharp-eyed judges were able to distinguish the winners among the melee at the conclusion of the race.

In the wheelbarrow race, the sophomores got off to an early lead, because their lead wheelbarrow was able to do a butterfly stroke through the mud. His partner, however, was more like a mud turtle, and lost the lead, which the sophomores never regained. (Despite wholesale cheating).

The event for which the whole shebang in named, the Mudeo, followed close upon. This test of valor consists of five "horse and rider" pairs from each class, who set upon each other

and attempt to lay the opposition low. Again the sophomores were able to eke out a narrow victory, because of their heavier build and beer guts, which made them immovable in the slime (their natural habitat). One frosh, weighing at least 90 pounds, became mired down, and could scarcely remove himself before the sophs launched a do or die offensive.

The luckless sophs, however, could not muster enough fortitude to emerge victorious from the fifth and deciding contest, the tire spree. In this battle, the side which extracts the most automobile tires from the soup is declared the victor. The sophomores again resorted to illegal tactics, including raiding behind the goals; having been caught at foul play by the judges, the sophomores deservedly lost the contest.

Out of their sincere gratitude for the fair judging they had received, the sophomores ceremoniously tossed their judges Craig McAllister and Len Erickson into the pit, while the righteous, rejoicing frosh returned happily to lucubration, knowing full well that all was right in the world, and that the forces of good had triumphed over those of evil.

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## FLICK GUIDE

### ACADEMY

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Admission: \$2.00 (\$1.50 before 5:00)  
w Fox student card.\*

### Friday and Saturday:

The Russians Are Coming — 4:55,  
9:20  
Harper — 7:10, 11:40

### COLORADO

2586 E. Colorado 796-9704  
Admission: \$1.00 for students

### Friday:

Our Man Flint — 7:00, 10:52  
Von Ryan's Express — 8:54

### Saturday:

Our Man Flint — 6:50, 10:47  
Von Ryan's Express — 8:44

### CROWN

129 N. Raymond 796-3131  
Admission: \$1.25 w Statewide student  
card, \$1.50 without.

### Friday:

Kaleidoscope — 8:57  
An American Dream — 6:55, 10:45

### Saturday:

Kaleidoscope — 6:50, 10:42  
An American Dream — 8:53

### ESQUIRE

2670 E. Colorado 793-6149  
Admission: \$1.50 for students

\*If you are bereft of a Fox student card, one can be bought, included in an admission price of \$2.00. Good for six months.

\*\*An Uptown student card can be purchased under following plan — first night: admission plus card, \$1.50; second night: admission, free; following nights: admission, \$1.25.

### Friday:

Shameless Old Lady — 7:00, 8:55,  
10:55

That's Me (Short) — 6:40, 8:15,  
10:15

### Saturday:

Shameless Old Lady — 6:50, 8:50,  
10:50

That's Me (Short) — 6:30, 8:30,  
10:30

### STATE

770 E. Colorado 792-7139

### The Wrong Box

### The Knack

Times unavailable before printing.

### UNITED ARTISTS

606 E. Colorado 681-6577  
Admission: \$1.50 w United Artists stu-  
dent card. \$1.75 w out.

### Friday and Saturday:

The Blue Max — 7:14, 10:06

Next five weeks, same time, same  
station

### UPTOWN

2316 E. Colorado 793-4330  
Admission: \$1.25 w Uptown student  
card,\*\* \$1.50 w out

### Friday:

Gigi — 8:40  
Lily — 7:10, 10:30

### Saturday:

Gigi — 2:45, 6:00, 9:20  
Lily — 1:15, 4:40, 7:55, 11:20





Currently running at the Pasadena Playhouse is "Stop the World—I Want to Get Off," a guest production by the Laguna Beach Playhouse.

Sometimes pathetic, always hilarious, "Stop the World" is a moving commentary on the individual's alienation in our society. The hero, a twentieth-century Everyman, is a member of Britain's working class who marries the boss's daughter, and through his father-in-law's influence, becomes not only a Captain of Industry but a Member of Parliament and winner of the coveted Award for Parliamentary Doubletalk as well.

His name is Littlechap, and as the name and his attire—a clown's baggy pants and pancake makeup—imply, he is always a small man, no matter how high his station. Although he leaves the lower caste to which he was born, his soul

### Lamb Hortates On

(Continued from page 1)

No plans were made for continuing the Roma experiment during the fall term, since it was hoped that a permanent facility would be in operation by then.

#### City of God

The final plan was to create a coffeehouse out of Prufrock House, the second house over from Wilson on San Pasqual. The estimated total cost for converting the house to a full-scale coffeehouse serving hot food, ran between \$15,000 and \$25,000.

#### Go down, Moses

During the early summer plans moved forward as expected. The whole idea came unglued, however, when it was discovered that Prufrock was scheduled to be pulled down to make way for a parking lot during the summer of 1967, rather than in 1969 or 1970 as had been estimated by the original study group.

The Administration was first of all not completely convinced that there was sufficient student interest to warrant such an investment. Secondly, it was naturally reluctant to make such a substantial investment in a house which would come down in a year or so, in any event. An intense effort to find an alternative location revealed that all of the other houses originally included in the Ad Hoc Committee's study were also scheduled to come down in a matter of months. The plan was shelved for an indefinite period.

Nevertheless, the original study and a subsequent one conducted early this year showed that for about \$4,000 the necessary changes could be made in Prufrock to allow operation of a minimal coffeehouse serving at least coffee, donuts, cold drinks, pastry, ice-cream, and catered hot food in compliance with health and safety regulations.

Continued widespread enthusiasm brought about intense discussion during the first part of this term concerning possible solutions to the serious problems which had arisen. On Wednesday of last week students met with Dr. DuBridge to discuss feasible alternatives to the original plan. The group included John Eyster, chairman of the Ad Hoc Committee; Eric Young, IHC Chairman; Fred Lamb, ASCIT President; and Bill Bloom.

The group presented the following three-point proposal:

1. The continued desire and enthusiasm among students de-

mands that efforts be made to start some form of coffeehouse as soon as possible.

#### Seven year twitch

Littlechap's problem is that he wants only what he can screw out of life for himself, and for that reason he is left in the end with exactly what he has given—nothing. The only reason he marries his wife Evie is that she is pregnant with his child, and he assumes that that is the only reason anybody ever gets married. The marriage proves a windfall, however, for without it Littlechap would have continued in his capacity as an officeboy until his retirement; he neither expects, nor has the natural ability, to rise any higher.

But instead of gratitude, he expresses only surliness toward his family; he feels he has been "lumbered." The only thing he thinks he could ever get from

(Continued on page 5)

mands that efforts be made to start some form of coffeehouse as soon as possible.

2. ASCIT is willing to put up \$2,000 of its own as a demonstration of the intense interest if the Institute would match this amount as a show of good faith. If work started now, this amount added to student labor could produce a largely student-built and wholly student-run coffeehouse of modest proportions by the middle of second term. The success of this initial venture would be a strong argument that a full-scale coffeehouse would also succeed.

3. The students are willing to make this investment even if Prufrock is pulled down next summer, if the Institute will commit itself to finding an alternative facility for next year. Alternatively, they request Prufrock be left standing until another facility can be provided.

#### Ye reale question

In the discussions which followed, DuBridge said that allowing the students to use Pru-

frock for the remainder of the year would not be a problem. The real question centers on finding or planning a suitable substitute facility for Prufrock, as the house must eventually come down to make way for buildings.

In making a decision of this kind several Institute committees are involved, including the Campus Planning Committee and the Trustee Building and Grounds Committee, both of which will meet on November 23. DuBridge asked that the recommendations of the Faculty-Student Relations Committee be available for the Planning and Trustee Committees. A decision will be available soon after Thanksgiving.

In the meantime, plans for raising the funds and making the necessary changes in Prufrock are going ahead. The final outcome will depend to a large extent on the enthusiasm and interest which students indicate to the faculty, administration, and trustees.

# Alley Jousts Spice Student House Life

by Hecht

Alley challenges in the Student Houses range greatly in number and types. The challenging arrangements vary from House to House, with Ruddock, Lloyd, Dabney, and Page having systems roughly analogous to the Discobulus (generally with a rotating trophy); Blacker having a ladder arrangement; Ricketts having no formal system, but more random sorts of challenges; and Fleming operating on the apathy system.

#### Feynman's bod equations

Ruddock, known for pressure and getting things done, hasn't started yet. They hope to get underway soon. Last year Ruddock's most famous interalley challenge was bringing women to a frosh physics lecture. Egg tossing, ice block racing (down Ruddock's halls) and ice cube melting for speed (using hands

only) were some of the other challenges last year.

One challenge a week is made for the vanished Komanaw-alaya, Lloyd's fertility goddess. Lloyd challenges are generally athletic, and include the famous Red Mountain Derby, which requires not only a strong stomach but an ability to run backward through the House.

#### Gross-country relay

The Page system also requires about a week for a challenge to be made and played off. Page has been quite active this year, and is responsible for the most spectacular alley challenge of the year so far—a relay race from the Rose Bowl to Caltech, which passed through Bullock's and had consecutive runners exchanging the ritual bone and loincloth. For the benefit of two shy UCC's, the first challenge of the year was in "hustling bods at an exchange."

Things proceed more slowly in Dabney, where there have only been two challenges so far. Dabney challenges are traditionally won by the challenging

(Continued on page 4)

# Ha! Ha! Rain Will Wash It All Away!

(Continued from page 1)

a museum of ancient earthy artifacts such as toothbrushes and hand grenades; parading through the area will be an electronically guided fire-breathing snail named Zirin. By traveling through a space-time warp, visitors can enjoy the groans of an earthly stomp band.

Ricketts presents a psychedelic theme to the campus. An art tower with original paintings will please the eyes, while cubes of sugar are ready to satisfy the tastebuds. Nirvana is then available in the lounge.

Ruddock's massive construction effort is aimed at the world of Atlantis. Entrance through a tunnel in a deep-sea cliff produces a cavern filled with the delights of an Atlantisian orgy: grapes, fountains, couches, and dates. Ruddock's foyer will be an exit through a sunken ship. Music will be provided by no less than the sixth band of the night.

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# Beckman Elucidates Trustee's View

by Len Doberne

A Trustee gazed at Caltech, saw that it was good and that it shall stay good. Dr. Arnold O. Beckman spoke in an informative and interesting Monday night lecture named, appropriately, "A Trustee Looks at Caltech." Beckman, who received his PhD at Caltech and after whom Beckman Auditorium is named, taught chemistry here for several years and is now currently President of the Board of Trustees and owner of the successful Beckman Instruments, Inc.

## If you can't trust your Trustees

Beckman's lecture, largely a discussion of Caltech's Trustees, indicated that their role is more important than the average student imagines. He explained that the Trustees is the group that holds all the powers vested by the state (i.e. they empower the president to confer degrees). However, they do not make it a practice to influence academic proceedings. "The Trustees are primarily concerned with financial matters, not academic factors." There are 40 members of the Board of Trustees, "a majority of which shall not belong to any denomination or sect" and "are paid substantial anti-compensation."

## Who can you trust?

Commenting about his years as a grad student and on the faculty, he sadly admitted, "my budgetary requests were too modest": the new A. A. Noyes

Chemical Physics building will cost \$4 million and house 80 students.

Caltech's charter states that the Institute will "provide, for all who may wish, an inexpensive, liberal, and practical education." Although it may not seem so to the students, the money they spend on their education is only a fraction of the cost. According to Beckman, frosh pay an average of \$738 per year for tuition, while the actual cost is \$6,500. "It's a bargain, even without trading stamps," Beckman proudly said. The difference in the two figures must be filled with gifts, government grants, and endowment earnings.

Although 44% of Caltech's \$26.4 million yearly operating expenses is paid by government grants, (tuition pays 9.6%), the Trustees have determined to be at all times academically independent of the government. Commenting that all students' educations could be free if the Trustees could raise the income of the Institute by 10%, Beckman said, "It's a rare day when someone says, 'I'm sorry, but I just can't use any more money.'"

Later, referring to the biological discussions during Convocation Week, Beckman stated, "speaking as an enthralled individual, not as a Trustee," that the emerging science of behavioral biology may be the next field in which Caltech will be the acknowledged leader.

"Whatever new fields may develop, the faculty can rely upon the Trustees for financial support," stated Beckman. In

closing, he added that he was immensely pleased to be on the Board of Trustees at Caltech and that all the different elements of the organization, from Trustee to student, work together so well.

## Page Passes Bone

(Continued from page 3)

alley, seeing as they give the rules of the challenge to the challenged alley just before the event. The rules generally contain some emergency provision, such as the UCC of the challenging alley having final say over all decisions.

Up to four challenges can be going on at once with the Blacker ladder arrangement. While this is rarely the case, more than one event is generally in the process of being played off at one time. Traditional challenges range from major sports to such things as bottle cap snapping, penny pitching, and alley-walking. A challenge in "weighted ice block sliding" around Beckman was made but not accepted.

## Do not pass beer

Ricketts has no real system to their alley challenges. One or more alleys will get together and decide to make a challenge for sundaes. Only one challenge has been made so far (in monopoly, leapfrog, and crew), but others are being plotted.

Two typical Fleming frosh, when queried about alley challenges, replied to the general effect of "Duh!" Internal competition in Fleming is basically non-existent.

# Caltech Accreditation Examined This Week

A seven-man survey team representing the Western Association of Schools and Colleges appeared on campus yesterday with the objective of conducting a re-accreditation survey. It will remain until tomorrow poking around classrooms and labs.

The ten-year accreditation to which Caltech subscribes is due to expire in the Spring of 1967, and the WASC team will review the Institute's present standing in consideration for re-accreditation.

According to Institute President Lee DuBridg, the survey is "essentially a soul-searching by the Institute itself. Hopefully, Caltech will encounter few problems in meeting the stipulated requirements set up by the committee, but a visit of this nature can be quite beneficial. Survey teams are composed of distinguished educators with diversified

backgrounds, and can often suggest innovations to the institution rated.

Committee Chairman, Professor Pimental of UC Berkeley, is a distinguished chemist and author of the recently published "Education at Berkeley," the so-called "Muscatine Report." Other members of the survey committee include faculty members from Berkeley, Stanford, USC, and Harvey Mudd.

Aside from the evaluations concerning the Institute's standards, Caltech's plans and goals for the future will be taken into consideration.

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## Uncle Ho's Reply


(Continued from page 1)

Training and Service (which helped the desegregation of the armed forces), Swomley fought successfully against universal military conscription from 1944 to 1952.

The arrangements for Swomley's visit have been made through the American Friends Service by the Caltech YMCA and the Caltech Young Democrats.

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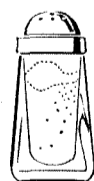
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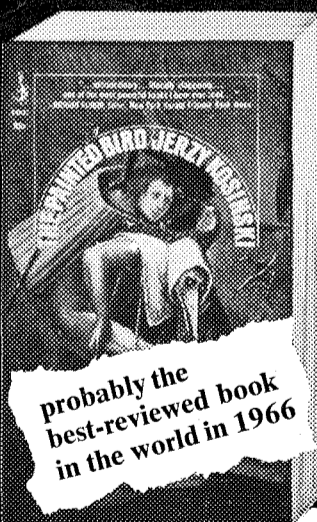
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# Fay Has Fun in India

by Roj

Dr. Peter Fay, associate professor of history at Caltech, for the last two years helped develop the newest branch of the Indian Institute of Technology, at Kanpur, on the Ganges in north-central India. In an interview this week, he described some of his experiences teaching and advising at Kanpur. Fay joined the project, along with five others from Caltech, in June of '64, and stayed the longest time of the five.

## Economic imperialism

The program began in 1962, financed by the US Agency for International Development (AID), and involved men from nine American universities. Uncle Sam is not the only one doling out aid to IIT, as other branches are supported by Russia, Germany, and Britain. Fay feels that the personal contact possible with such a program is the best possible form of foreign aid and has much more effect than merely sending dollars.

At Kanpur the Americans are neither mere faculty members nor omnipotent department chairmen; they are "associates"

bringing professional ability, money for equipment, and the American concept of a university.

Most of the Americans, including Fay, are unhappy about the small amount of control they actually have and are frustrated with the unprogressive ideas of the faculty, the lack of academic leadership, and the low standards for acquiring tenure. Fay feels that the Indians need less fancy equipment, and more advice. The Indians at Kanpur have problems with English, he reports, and an inefficient staff.

On the positive side, they are progressing, and Fay predicts that IIT Kanpur will achieve international standing. His chief accomplishments while there were building up books for, and interest in, a library and the first-year English course.

Fay studied at Harvard and won a coveted Rhodes Scholarship to study English history at Balliol College in Oxford. Winning his PhD shortly after returning to Harvard, he taught at Williams College. Fay has been working on a book about the Opium War, which opened China to world trade in 1842.

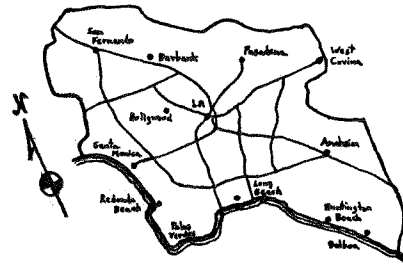
# Intelligence Report

by

Fehder and Jacobs

Now that the mop-haired set has overrun "the Strip," the sophisticated swingers in town have decided to switch to places like PJ's on Santa Monica Blvd. Actually, PJ's would seem to offer entertainment for nearly everyone—from the jazz buff to the avid dancer—and this is largely reflected by the crowd the establishment attracts. Although "coat & tie" is the predominant mode of dress, one is also likely to find a few starlet-types dressed in strapless evening gowns (I worried about that blonde in blue all evening) and "non-conformist" types dressed in all-leather outfits. We are told by the management that the age limit is 21—but there were some awfully young-looking couples in the crowd inside, and no one seemed to be checking ID's at the door (i.e., you take your chances).

Perhaps the best word to describe PJ's is "classy." The front



room of the establishment has a dimly-lit "jazz-bar" atmosphere, the entertainment being provided by two "cool" jazz combos which alternate in half-hour sets. The back room(s) are, on the other hand, devoted to dancing, with a good rock-and-roll combo and a slower dance band providing the entertainment (on alternate half hours). The waitresses, dressed in tight sweaters and mini-skirts, are also noteworthy.

Although not overly expensive, PJ's could not be called an inexpensive nightclub either. The cover charge (collected at the door) is \$1.00 per person—which is pretty reasonable, considering the quality of the entertainment—but drinks are rather exorbitantly priced (\$2.70 for a Manhattan and a soft drink). One does not, however, feel "pressured" to spend large sums of money—in contrast to many similar night clubs.

Attendant parking is provided (but not obligatory) and it is rather difficult to otherwise find a parking place within walking distance. The standard "tip" for the parking attendants seems to be around \$1.00 (upon return of the car). One could probably plan on spending \$10-15 in an evening if one takes a date.

## Take gas young studs

Speaking of dates, we might also note here that there are generally a fair number of "stag" girls to be found in the average Saturday night crowd—and they seem to be amenable to striking-up new acquaintances. We sincerely doubt, however, that the average Caltech student (graduate or undergraduate) has the financial wherewithal to make a "solid" contact with any of these young ladies.

PJ's is on Santa Monica Blvd., about three blocks west of the Pink Pussy Cat (on the same side of the street)—which should be enough in the way of directions.

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# More Necromancy

(Continued from page 2)

was escorted off campus peacefully.

Not satisfied with being thrown off campus once, the Spook returned on November 9, again to Ricketts House. Ned Hale of the Office of the Master of Student Houses told Holter to leave, and told several members of Ricketts to follow him to ensure his departure. The Spook ran across San Pasqual and into Marks Graduate House. The Police were summoned and joined the students in searching Marks to find Holter. He was finally located in the powder room and arrested. The Spook denied stealing anything, but an Institute soup-spoon was found in his possession. He admitted serving a year burglary sentence and nine months in a mental institution. The Spook also claimed he had an appointment with Feynman the next day.

# Boone's Late Again

(Continued from page 3)

the marriage itself is a son, and he hates his wife for not producing one and his daughters for being female.

The play is extremely well-acted. Doug Wood makes a properly humorous and selfish Littlechap, skilfully evoking both the laughter and the pity of the audience—often at the same time. Laurels must go, however, to Judy Farrell, who plays all four of the women in Littlechap's life. She is called upon to assume the accents of the rich and proper Englishwoman, a dancehall doxie from Brooklyn, a Russian tractor driver who is muscular and tough, yet believably feminine, and a former mmember of the Hitler Youth who is still determined to conquer the world. In each case she performs admirably, and so convincingly assumes the personality of each character that one almost forgets she is first and foremost Evie.

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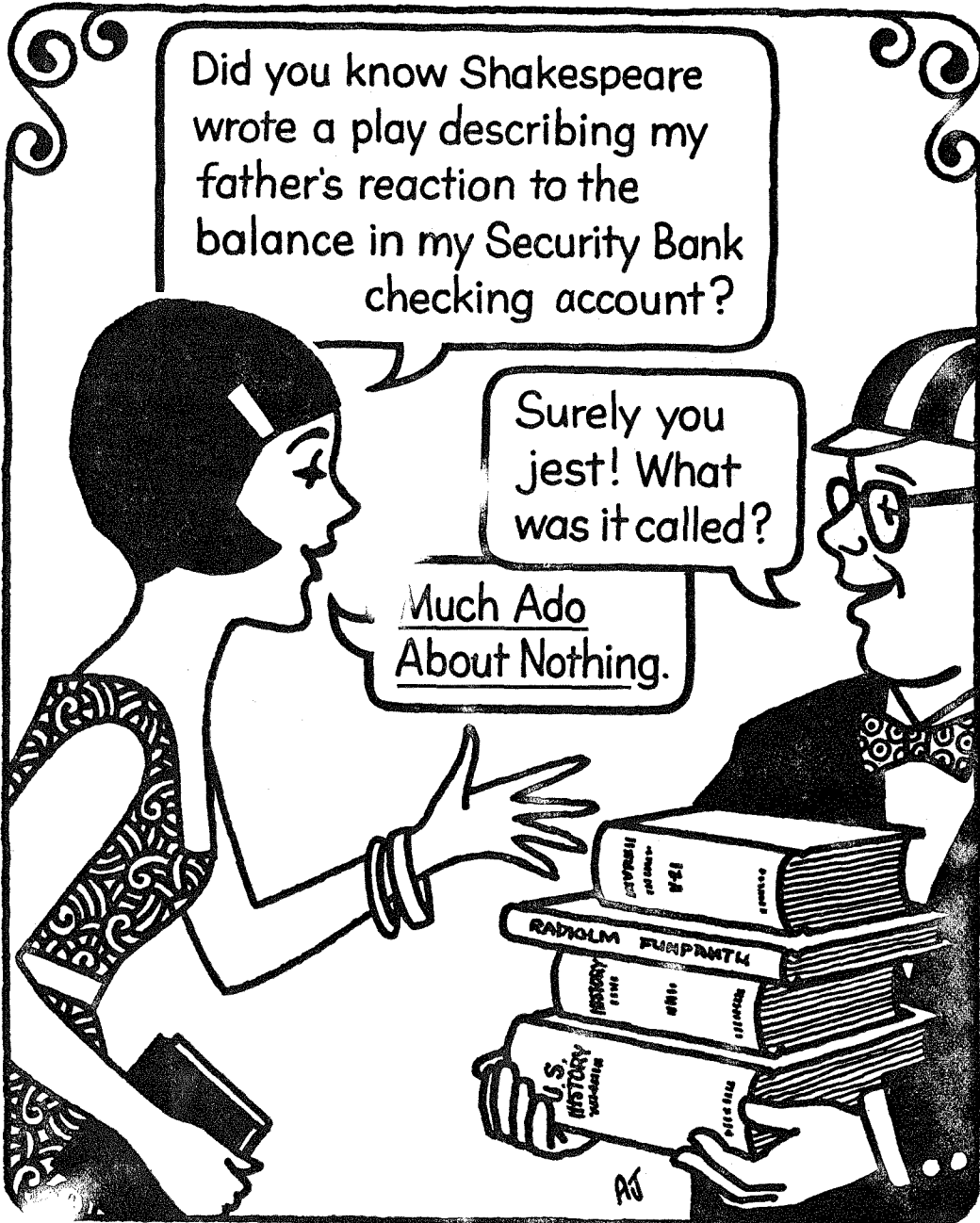
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# Occidental Makes It 23; Last Chance Friday Night

Occidental encountered the tough Caltech football squad over the weekend and came through with its tightest victory in recent years, 55-8. The score belied the potential of the Tech team because even the **L.A. Times** considers CIT good enough to play professional. After the New York Giants lost to the L.A. Rams 55-14 Sid Ziff reported, "They would have a tough time against Caltech. It would be touch-and-go."

With Martin, Burton and Kawal gone, the team looked better than expected. Chapyak played a good game at quarterback, both handing-off and passing. However, Occidental ran right through them . . . and over them and around them.

Oxy only passed four times, completing all four for 116 yards and one touchdown. Apparently, the only reason they didn't pass more was because it was too easy.

Tech's only touchdown was scored by John Frazzini on fourth down on a push straight through the middle. Ron Zamow picked up a crucial first down on a fourth and three situation that moved the ball to Oxy's eight yard line. Then four downs later Frazzini scored. The PAT was scored on a sweep around end.

Enough of the dismal past. This week, Tech takes on the

last place team in the conference, CHM. By virtue of having played and lost more games than CIT, Claremont has captured the cellar spot, but may have to relinquish it this weekend.

The game has been rescheduled for tomorrow night at 8:30 on the Pomona field. However, Pomona will be holding its Homecoming Rally before the game and students are asked to remain outside the gates until the field lights come on.

**STATISTICS:**

**RUSHING:**  
Frazzini: 9 rushes 47 yards  
**PASSING:**  
Chapyak: 10 complete 29 attempted  
78 yards, 1 interception

**RECEIVING:**  
Frazzini: 5 caught 43 yards  
**PUNTING:**  
Frazzini: 7 punts 268 yards

**TEAM STATISTICS**

**CIT:** 33 rushes 121 yards  
10 passes 78 yards  
**OXY:** 41 rushes 417 yards  
4 passes 116 yards

—Statistician: Burt Roffman

Try UCLA-JV

# Kickers Have One More Chance

With only one game to go, the Caltech varsity soccer team has yet to win a game. At times they have come close, showing the ability promised by pre-season activities, but in action they have not been able to win. Last week's game was the same story.

The team traveled to UC Riverside to play an opponent of about the same strength as Caltech. Unfortunately, the Beavers were killed by their own mistakes, while being unable to capitalize on those of the opposition.

Lonnie Martin was extremely pleased to read in the Tech that his ankle was not really broken. However, at the time the newspaper came out he was in the health center with a pin through a cracked bone on the side of his ankle.

The team started off playing well throughout most of the first quarter. Near the end of the period UCR scored on a cross in front of the goal. A 1-0 disadvantage is not impossible to overcome, but after the goal most of the team just fell apart. They couldn't regain their initial fine play until the fourth quarter, when it was too late.

In the second quarter on a UCR fast-break, Caltech center half Walt Innes managed to get to the ball first and tried to clear the ball. But, pressured by three men, he kicked poorly and the ball slipped by goalie Les Fishbone, making it 2-0. The third goal was also scored on a fast break, a UCR forward getting past all the defenders and kicking the ball past a helpless goalie.

In the fourth quarter, the Caltech team came to life again. They started passing once more,

and it paid off. Left wing Rufus Woody finally scored on a fine pass from Haralambis Sakkis. This raised Caltech's cumulative score to four for the offense and two for the defense in the course of one season.

The last game of the year will be played against the UCLA junior varsity tomorrow at three p.m. at Tournament Park.

The whole team is hopeful that they can make something of the season by winning their final game. They can do it if they all play up to their potential.

The undergraduate soccer game scheduled for Saturday against UCLA-JV has been rescheduled for Friday at 3:00 p.m. Also the open division game scheduled for noon Saturday will be played at 10:00 a.m. on Saturday. Both games will be held at Caltech.

## Harriers Ready To End Season

In a much more competitive field than last year's, the Caltech cross-country team placed ninth out of seventeen last Saturday at the Third Annual Biola Invitational Meet. Clouding the fairly good performance of the team as a whole were some individual efforts which fell far below expectations.

With 110 runners breaking from the starting line, the first lap around the track was as crowded as the proverbial sardine can, with the added condition that the sardines were alive and squirming. The course after one lap then left the track and wound its way into the hills behind the Bible Institute of Los Angeles, with Pete Cross of the Smog eaters in the lead. Far, far back in the pack Lane Mason and Mike Meo began moving past the harriers who had rabbitted the start and now slowed down their pace. After one lap, Cross slowed up because of a side cramp, Mason continued to catch up, but at a slower pace, and Meo stabilized his position at about 40th.

Upon finishing, however, the Teckers turned in a generally disappointing total score. Only sophomore Jan Haarvard Hauge dd relatively well. Cros finished 10th, where he had planned to beat Jones of Whittier, who came in 2nd, Mason was a full two minutes slower than his effort last year, and Meo's lack of workouts showed in his placing 40th. Dave Kolb was 64th and Hauge 77th.

Tuesday afternoon Caltech lost once again, this time to Pasadena College, which finished sixth at Biola, by a margin of 11 points. Cross didn't run, Meo came in second, and Mason finished fifth. This Saturday are the district meets, with only Cross and Meo from Caltech competing. Next Tuesday at Mount Sac the Smog eaters will try their luck in the conference meet.



## Sports hero loses girl to mild-mannered math major.



**DEAR REB:**

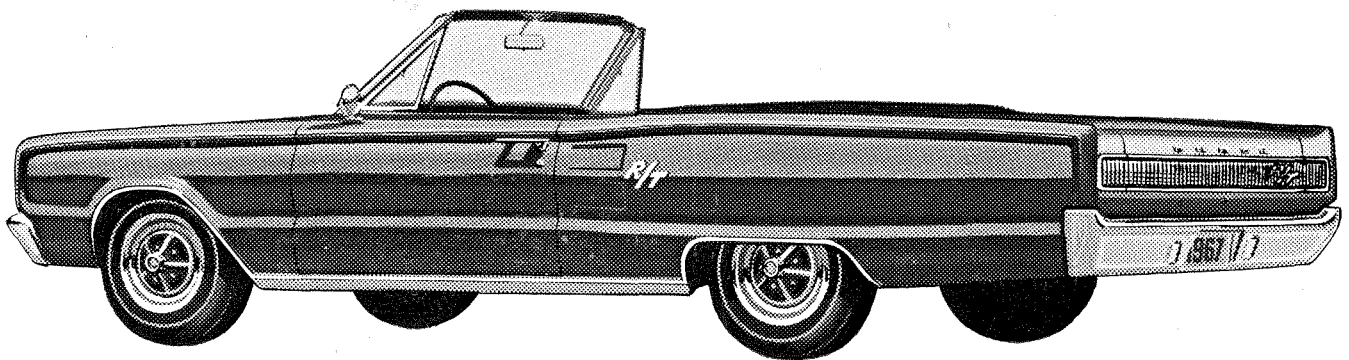
I'm a big football star, and I've found a girl who suits me to a T. But I've been blocked out of the play by a math major. He knows math from  $A = \pi R^2$  to  $E = MC^2$ . Now she says he's found the formula for success with her. All he has to do is mutter "Coronet R/T," and I get thrown for a loss. Believe me, this is no equilateral triangle that I'm in. Outside of telling me to bench myself, have you any advice?

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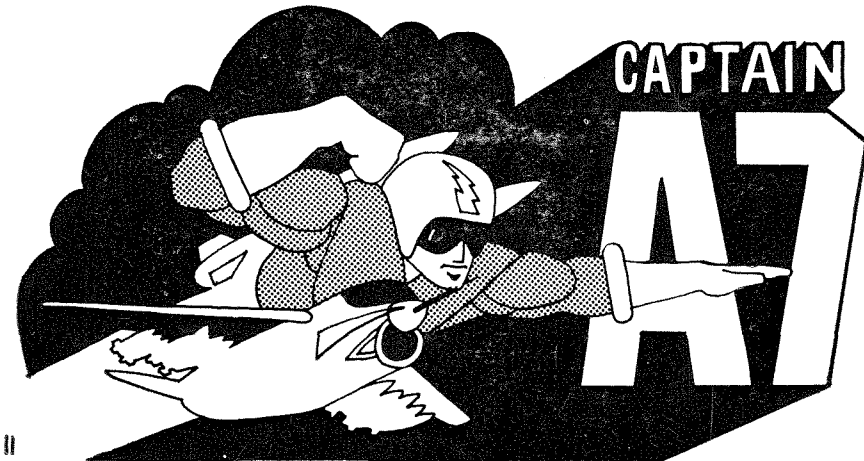
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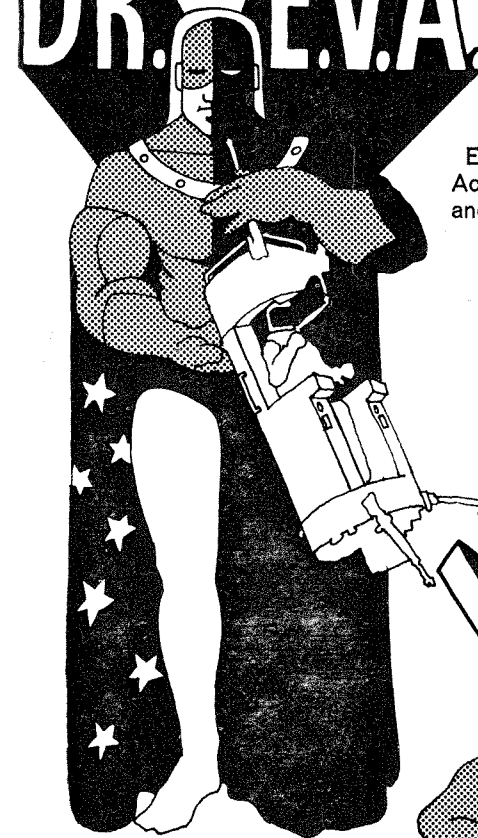
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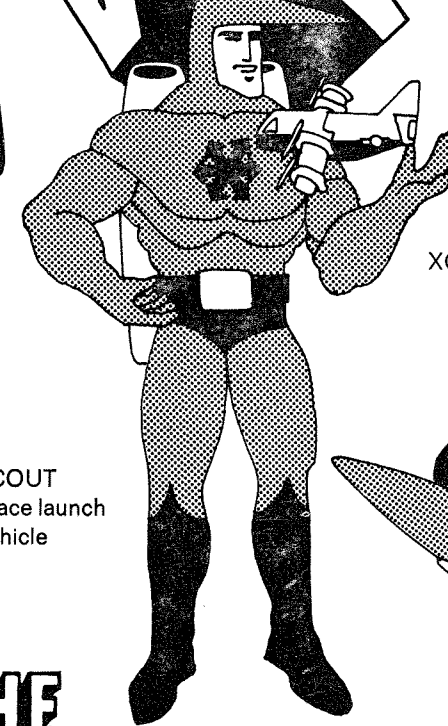


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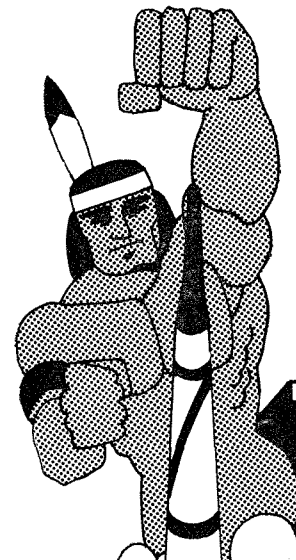


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