

Millikan Library to Tower 80 Stories

(Cont. above, at the bottom)

Jy denounced Huttenback's sugthe heat of passion" and violentui" esors groute that biss senot At this point in the meeting, ". svod sht

tend to separate the men from hopefully. At any rate, it would -mulusirus ent estisadil II'ti" of 1968 consist solely of girls. hand, wanted to have the class Dr. Huttenback, on the other

emos of of menage." a few more terms on their solid Feynman I; also they could use eft by another three terms of most of the freshmen could benmeeting, favors giving the class of 1967 "another crack at it seetsured the Trustees will lose his job." Strong, as Strong — he's afraid that he stated, "was that given by Dean (4 nmuloD mort bounitaoD)

Notices

GREEN ABOUT THE EARS

Fertile imaginations will observe immediately that the color of this newspaper is suggestive of spring, youth, growing things, and money. With regard to the former: as a public service, the Editors announce that we entirely sanction the use of this issue for wrapping tulip bulbs, fish heads, and other delectables. Planting it in the ground and watering thoroughly will result in a large growth, mostly olfactory. On the other hand, money is always nice.

SPERM WANTED

Miss Raymona Owen in the Biology Department requests that anyone wishing to donate sperm to the cause of science should see her in 421 Kerckhoff between 9 p.m. and 5 a.m.

CMFWY SHRDL



Shown above is an artist's conception of how the Millikan Memorial Library will look when completed. The four clocks will be carefully adjusted so as to indicate four different times, none of them correct. The lower part of the building is a recent addition to the plans, designed to make the library contiguous with Throop.

New Physics Bites Down Hard With Hand-Waving **Sophomore Persecutees Q** Mechanics

The new Feynman physics courses for freshmen and sophomores have been receiving comments for a couple of years now. As noted editorially in last year's Tech, Ph 2c has borne the brunt of much of the criticism, since it presents a Feynmanesque introduction to quantum mechanics. It is generally agreed that much of the course notes are on the verge of being hopelessly screwed up. As a service, then, to its sophomore readers, the Tech presents a summary of the ideas presented during third term. State vectors, or columns of complex quantum - mechanical amplitudes to be in various base states, which may or may not have simple physical meaningbut more likely will be eigenstates for some operator or other (for example, the Hamiltonian; or the parity operator, which turns some states into themselves (sometimes with opposite sign) and others just garbles up) - can be tossed around as if they actually were real things: they can be added and subtracted and multiplied, either bra times (Continued on Page •)

The Bite brothers, Herman and Milton, have once again taken top honors as a debate team, this time at the Regional Interpacificmountain District XLI

Architect's Plans Revised; Factor of Ten in Vertical

Books Housed in 20 Basements; Penthouse To Reach Above Smog

Freshmen Leave Very High Speed Before Arriving

"There probably will not be a class of 1968," wearily stated L. W. Jones, dean of admissions, at a California Tech staff interview last Wednesday. "Of the 206 freshmen who initially accepted . . . about 160 have since simply changed their minds."

The first indication of this trend occurred, Jones said, "on May 1, when 68 prospective freshmen announced that they would not be coming next year." Jones then went on to describe how the "negative responses" tapered off until now "only about one or two freshmen drop out daily."

The reasons for the change of minds, according to Jones, "are ridiculous: some are afraid of smog or earthquakes; some believe that college education should be coeducational and fear the sterility of the environment at Caltech; some want to go to MIT instead; many others have accepted top honors at their

Elevators to Run on Odd Tuesdays

Glass, Gold and Steel Monster Seen Stable In Random High Wind

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Sightseeing Telescopes To Grace Tile Roof

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Trustees'RoomtoHold Rare Old Librarians Did you really expect a story, too, after all that?

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that Caltech will probably not but I'll go on record as saying able to get my two-bits-worth in, tion. Concluded Jones: "I wasn't clined to take any definite acviewpoints, the Trustees de-In view of these dissident ".nemnesera for the mean of Freshmen." would have to be replaced by policy would mean that he "apparently thought that this gestion. "Strong," stated Jones, (Uits ,boundard)

Vendabanana

(Continued from page 2) that he was perfectly willing to reinterpret The Playboy Philosophy in light of all new scientific advances. "Show me a theory," he declared, "and I'll show you how to derive it from The Playboy Philosophy."

Etaoin Shrdlu Memorial Bitchin Debate Tournament, which was held Furdsday last at Friendly State University. The Beaver team beat everyone by colossal margins, the closest runners-up being the Persecutees from Happy Valley Home for the Bewildered.

In debating the resolution, "Mosquito larvae are more deco-E ?ETAO SHRDLU ETAO NU rative than useful," Tech came up against Happy Valley in the last round. Herm and Milt displayed their usual silvern forked tongues in running oratorical circles around their opponents, who tried to distract the judges by madly waving their arms in complex patterns.

When warned that such behavior might cause disqualification, they claimed their gestures were purely for forensic effect; but their gyrations continued during presentations by both teams. At any rate, the tactics

(Continued on Page 3... Or maybe it was Page 4 . . . I can't remember.)

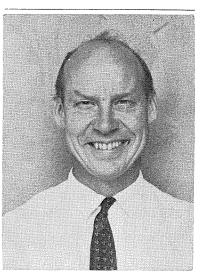
respective state universities, which are generally later in their admissions procedure."

Caltech's problem, as Jones summarized the situation, is that the Admissions Committee has gone on vacation, so that there is no hope of making any new selection this year. "Besides," he added, "all prospective students of Caltech caliber have certainly been snatched up by now."

Also, the scholarship fund for these freshmen has been depleted. Peter Miller, Assistant Director of Undergraduate Scholarships, went on an indefinite leave of absence beginning May 2. "He claimed that he was going to Europe 'to recruit more freshmen,' but the Trustees and I somehow fear that his leave of absence may be permanent."

In their meeting of Thursday, May 36, the Trustees discussed several proposals for meeting the current crisis. "The most passionate argument," Jones

(Jump to Column 1)



Yes, William P., I vill keep pouring dirt into your reagents until you tell me vhat you did mit my poor frosh.

In Boccaccio, it's frankness In Rabelais, it's life In a professor, it's funny But in The Hot Rivet, it's smutty



Editorials

Editor's note: They say Helen of Troy was faster than Lindbergh. Howz that? She made Paris in two hours.

It is hard to find someone or somebody to chop up every week. This week, for example, we searched high and low for a suitable target. After discarding the Kennedy ticket boondoggle; throwing out an attack on Edwrd Drrell Stoned for designing a ridiculous monstrosity; and even overlooking the person who was suckered into paying for it (purple as though it may become), we had to turn to something more concrete. The question is: Should Officer Newton be allowed to endanger life and limb by hotrodding through campus on his figmobile? We say no. Anybody who disagrees can take Officer Newton and shove him. You can receive the consequences. So there. Hmmfff. Are you for us or against us?

-Big Daddy Little Brother

Final To Give Gas

-Paid Adertisement Secret agent 0069, our man in Bridge, has obtained a copy of the Ph 2c final which will be given next week. We print it here for your entertainment. (Remembering any of it will be considered a violation of the Honor System.)

1 hour. Open book unless otherwise noted.

1, (5 points) How many pounds per rod-millibar are there in one

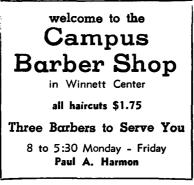
Fanny Discovers New Engines

(Continued from page 3) took the first turn. His machine was placed on the floor while she inspected the prodigious size of the lever arm of the eccentric which ran to the quantum mechanical spin inverter.

After an hour of enjoyment, it was finally my turn. My spark came to me bearing his wonderful engine. I received him most welcomely explaining that I had never seen a piece of apparatus like his. He explained that he discovered it during a physics lecture.

Machine Rule World

I found that one of the best ways of getting picked up was by hitchhiking. While traveling from London to Liverpool on my research, I was picked up by a charming young fellow who to my great astonishment and pleasure was a mechanical engineer from Caltech. He immediately had to show me his machine which he had resting in the back seat. The purpose of this particular machine he explained was to revise the nonsymmetrical strong interactions of mutual attracting bodies. The demonstration, dear madam, I will not bore you with as the story was like many others I have described. In Manchester I stumbled onto Charles. We found by combining our efforts and machine, we could control a vital process which I am not at liberty to disclose as yet.



furlong? Hint: Dimensional analysis will probably not help. So T.S. to all of you who were hoping to get by on that alone.(Note: This problem is closed book.)

2. (5 points) Generalize the solution of the Schroedinger equation for the hydrogen atom to the plutonium atom. (Note: Anyone who can solve this problem will receive a Nobel Prize.) 3. (5 points) Make up a problem about quantum mechanics and solve it. (Note: If the problem is easy enough for you to solve you will get zero points. Conversely, if you can not solve

points.) Dammit Stu Think of a Sub Head

4. (5 points) Given that one plus one equals two, derive the general theory of relativity. (Note: This problem is not as easy as it looks, so beware.)

it completely you will get zero

5. (5 points) The problem we intended to put here turned out to be impossible, but work it anyway. (Note: There is no note associated with this problem.) 6. (-13 points) Complete in 25 words or less: "I think quantum mechanics is a fake because . . ." (Note: Don't answer this if you expect to pass.)

?ETAO SH-DRLU **ETAO**

The YMnonCA's Religious Chemphysics Commission brought a voo-doo witch doctor to campus last Tuesday: the Right Honorable Reverend Monsignor Pastor Father Rabbi Swami Dr. Shazam Vendabanana (Tribal law says that he who reads or pronounces the name of Vendabanana will lose his seventh-born son to the god of Fermi particles). He addressed a capacity crowd of thirteen in Winnett Head 1. The Caltech Christian Fulloshucks Group was occupying Clubrooms 1, 2, 3, 4, and 5 in protest against the Y's program. The Y's ever-ready demonstrators were marching around Winnett in protest against the protest and just for the hell of it.

There is Just One Thing

Vendabanana, proud possessor of a Th.D. in Physics from the Lesser Institute of Technology out East, began his talk with a demonstration of an ancient tribal sacrificial rite which involved swirling the chairman till he said, "I believe." Unfortunately he drowned first. The accompanying chant was truly the most inspiring part: dee ee ai, dee ee ai; ee ai ar, ee ai ar; wars, wars; ee ai ar, ee ai ar.



bookstore, Hoffman noted "My marriage will not, in any way, affect the quality of our food. My wife will, however, but that's a different story." In addition, if the new kitchen facilities are as intended, next year will see such new recipes as rumpled stilt's

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Asked to comment about his recent marriage to Miss Elfreida Q. Personality, cashier at the

The protein remover presently a the old Houses will be re-laced by a new model. The new read staler will be sufficiently

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Free Pasadena, announced that unless his tax-free organization can raise \$1 million he cannot keep his station broadcasting. Caltech, being its main source (Continued on page 5)

Jan

Published only once a year by the idiots of the California Yetch staff to uphold the great literary traditions of Etaoin Shrdlu, Emily Post and Totem.

Editors-in-Grief Carrie Nation, Hugh Hefner Managing Editor **Benjamin Franklin** News Staff The usual gang of escapees from Devil's Island Feature Staff **Censored**, Editor Dr. Jeckel, Theatre The rejects from Devil's Island Sports Staff Hairy Mousefeet, Editor Escapees from the athletic department **Business Staff** Jesus Christ, Overseer Circulation: Passenger Pidgeon Any similarity to any person, living or dead, without satiric purpose is entirely coincidental.

pay smaller sala e of them are e e large families."

He courted and forgot

One important innovation to be started next year is that gradual replacement of "the filipinos currently hired with eunuch pigmies." The change in help, assured Hoffman, will be "entirely gradual" (See descrip-tion of apple brown betty ma-chine, following).

dent have micro basis. "We hope that this way we will be able to minimize the total food consumption, so that we may offer more instead of quantity to t will be And got lots The final change in procedure ill be to shift over to a semi-House quantity to resident," the Stu-Hoffman quality he Stu-

"We intend completely to re-vise the food policy of the old Houses next year with the new kitchen facilities, in addition to our regular overhaul of the pro-tein remover and bread staler. We are particularly proud of our new potato lumper and apple brown betty machines." Thus stated Richard Hoffman, director of Saga, when asked about new changes in Saga.

Forward

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noted.

I shall see you soon, and in the mean time think candidly of me and believe me ever, MADAM

Yours etc., etc., etc.,

7. (57 points) Prove that physics bites. (Note: Simply saying it is intuitively obvious is not enough.)

self, with the help of magic contact lenses. Therefore, it must be holy. The missionary was made a saint.

Peanut Butter

He then proceeded to derive all of quantum mechanics from The Playboy Philosophy, adding (Cotinued on page 1)

That Men Thirst For:

Vendabanana then proceeded to explain the basic tenants of his religion. "First and most important, I am God. Our 'bible' is The Playboy Philosophy." He added that their "bible" used to be The Book of Norman, written by Norman Schmock, first general under William the Conqueror, but this was disproved to be a heresy. The original copy of The Playboy Philosophy was discovered in the shack of a newly-eaten missionary and was translated by Vendabanana him-

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Gym Recruits Footballers

Hal Mustardgas, director of athletics, has announced that, because of the tuition raise. money has been found to initiate a full scale recruiting program for the football team starting next year. "We damn near got the whole \$225," he chortled gaily as he explained the new set-up to the Tech. Men fall in love

"You see! Those mollycoddles that tour the country now looking for super snakes are going to be supplemented by members of the athletic department." Asked what part of the country he would travel to looking for recruits, Hal flashed a smile and said, "Me and the missus always wanted to see Hawaii, and I hear tell that some good football players come from there."

Lea K. EdOutrage explained the reason for the new program, which came at his insistence. "For as long as I can remember," he burbled, "I wanted to be the president of a college with a winning football team. Besides, this means I won't have to go to any more damn WCTU meetings on Friday and Saturday night." Mrs. EdOutrage was heard to mumble "He's been at the bottle again, I just know it. Its the devil's potion." But women

J. K. Bark, chairman of the reinstatement-or-not committee, feels that the new policy will not create any problems for them: "Not if the faculty follow the instructions we have handed out." The athletes will be recipients of new scholarship funds; the athletic department will handle the details."

Dean of Students, Eatit, was delighted. "It'll be great! Great! California We'll be able to melt

Sex Marked (Continued from page 4)

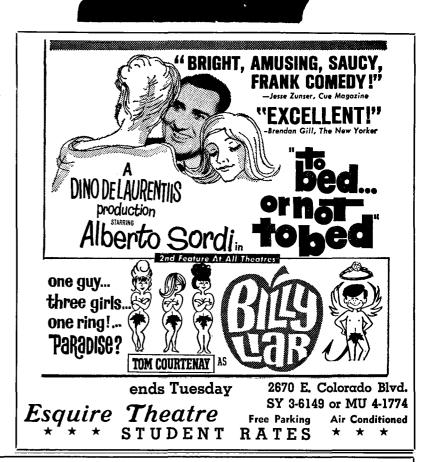
last I knew I was a born mechanical engineer."

Then Lili took the floor to give her story. "My long lost father was a mechanical engineer. However, my mother, not understanding, sheltered me from the knowledge of machines. Then one day a boarder came to live at our house. He had with him a model of a machine that he was building at the local foundry. I stood aghast at the prodigious size of his model. He said, 'When my machine is fully erected in the town square everyone will marvel at its great usefulness; Then I knew my life's work would be in mechanical engineering."

Later that evening three male ME grad students stopped by at Madam Bovary's to discuss their machines. It was soon agreed that we would each take the center arena to demonstrate our machines, Lili and her spark (Continued on page 2)

Behold!

Behold, I build un schmouse, et
Image: Second het i teil yu do t eet meenze noding atoll. Oo esk, nd Ei teil yu do t eet meenze noding atoll. Oo esk, nd tiel zie oo kali z ist ignificantnesse fer der berds. der si und Fur, I iste (fish Lookass vat esk, erd. fiet í en a ofem thder Gerieds tzat valkin ج tvy doo fer musickaners ج ت المعرفة المعرفة المعرفة الم



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Street from end to end." Asked if the move would require any new personnel, Eatit said, "We are talking with Darrel Royal of the University of Texas." Control the process

Also he said that the principal of a local high school was being considered to assist the Deans if the students did get out of hand. Asked to comment, the principal exclaimed, "I'll fix those stupid punks, I will, I will."

Egad!

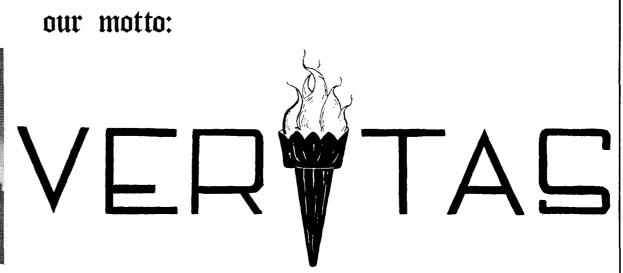
One: So Marge is going to marry her Engineer?

Two: Yeah, she had a weak moment and let him torque her into it.

Number 5 luetaoincmfwypetaoincmf andurybroshrdt shr M5854|9 W|...: George H. Kemmi day morning at 1 a.m. shrdluetaoish WHERE AND H W TO USE IT.

our founder:





Prodigious Machines

F. Hill Reports On Mechanical Engineering In England

BY F. HILL

(Editors' note: Since the reports of the Junior Travel Prize winners have received so much enthusiastic praise the Rivet is publishing the report of the winner of the Mrs. L. A. DiBrass Travel Award for Cultural Pursuits in Europe. Last year's winner was Miss Fanny Hill, ME, BfD. Miss Hill's project while touring Europe was "The Investigation of the Progress made by Machines and Skilled Labor in Europe." She addresses her report to Madam DiBrass.)

Madam:

I sit down to give you an undeniable proof of my experiences on my travels. If I could only convey the marvelous, inexhaustable machines I saw. Being a mechanical engineer myself I have yet to be accustomed to the new and various ways one can enjoy one's satisfaction in finding new engines and gadgets to fiddle around with.

For example, the first night I spent in London; the manager



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Cocoanut Arove

of the Apex Tool and Die, Ltd., Charles M_____ showed me around the plant. I was especially impressed by the number of complete cycles the plant can complete is one shift-ten.

Control Management

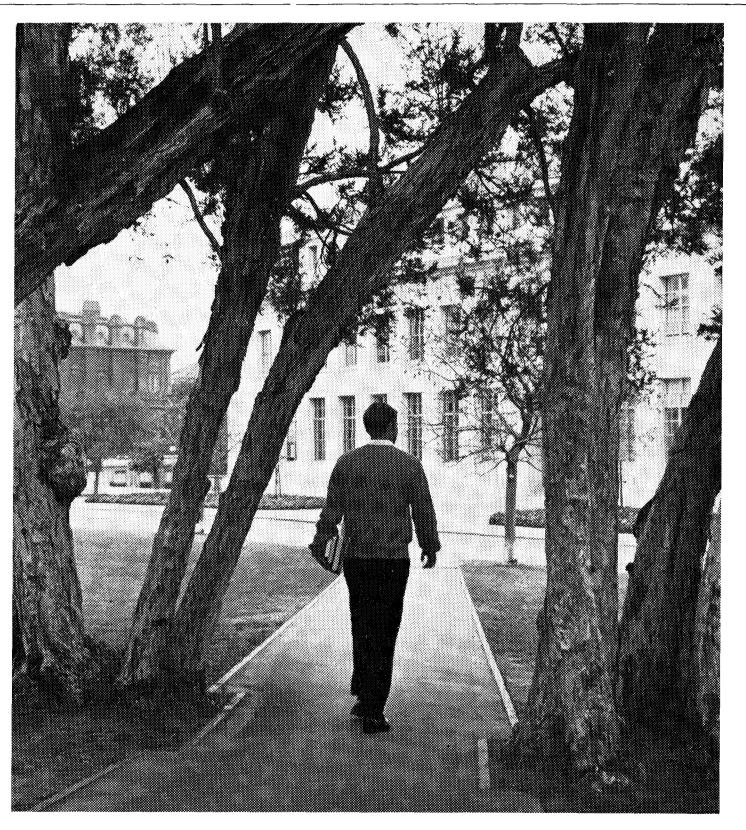
With such fond memories of Charles' magnificent control of his machine. I traveled to Madam Bovary's Boardinghouse. Here, to my utter amazement, I discovered three other female mechanical engineers. We immediately became engaged in a conversation relating our first experiences with the mechanism and control of various machines.

Joan C-----, BS 1956, ME 1960, began the accounts: "When I finished high school, I knew nothing about machines or how they work. I had no idea of the great treat I could have in investigating machines. It happened after graduation when a student from the South Hampton Institute of Technology caught me in a room and whipped out a machine he had hidden. I wondered at its intricate mechanisms. I marveled at the wondrous product this machine could make (it made mouse traps out used belly button lint). At of

(Continued on page 3)



Yes, Ninotchka, that one was the Spanish Fly!



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