NEW PHYSICS BITES DOWN
HARD WITH HAND-WAVING
SOPHOMORE 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, FH 20 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 quantity-mechanical amplitudes to be in various base states, which may or may not have simple physical meaning—but 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 multiplied, either ten times (Continued on Page 3)... or maybe it was Page 4... I can't remember.)

ARCHITECT’S PLANS REvised;
Factor of Ten in Vertical

BOOKS HOUSED IN 20 BASEMENTS; PENTHOUSE TO REACH ABOVE SMOG

FRESHMEN LEAVE
Before Arriving

GLASS, GOLD, AND
MONSTER SEEN STABLE
IN RANDOM HIGH WIND

HEADS AVAILABLE:
EVERY 20TH FLOOR

SIGHTSEEING TELESCOPES
To Grace Tile Roof

TRUSTEES ROOM TO HOLD
RARE OLD LIBRARIANS

Did you really expect a story, too, after all that?

Yes, William P., I will keep pouring dirt into your magenta until you tell me what you did not mean poor fresh.

In Rosaccio, it's frankness in Rabelais, it's life
In a professor, it's funny
But in The Nativity, it's smelly
Final To Give Gas

(Continued from page 3)
took the first turns at the machine. It
was placed on the floor while she
inspected the prototypical size of the
lower arm of the ac
centric which ran to the quan
tum mechanical spin inverter.

After an hour of enjoyment, it
was finally my turn. My spark
smack to me. I had a wonder
ful engine. I received him most
sincerely. He explained that he
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
return home, I was picked up by a
charming young fellow who had
found me. He explained that he
be holy. The missionary was
made a saint.

The rejects from Devil's Island

I stumbled upon Charlie. We found by con
sulting our efforts and machine, we
could control a vital process
which I am not at liberty to
disclose any further.

I will see you soon, and in
the mean time think candidly of me and give me love ever.

MADAM
Yours etc., etc., etc.

So long. Daddy
Little Brother

Welcome to the
Campus Barber Shop
in Winnett Center
all haircuts $1.75
 Three Barbers to Serve You
8 to 5:30 Monday - Friday
Paul A. Hamme

California Tech
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Our founder:

our motto:

VERITAS

California Tech
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 England. Last year’s winner was Miss Patsey Hill, ME, HFD. 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, inexpressible 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 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 in 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.

Jean C——, BS 1956, ME 1960, began the account: “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 sought me in a room and whipped out a machine he had hidden. I wondered at its intricate mechanisms; I marveled at the wonderful product this machine could make (it made mouse traps out of used belly button lint). At"

(Continued on page 3)

Put an arm around a young man’s shoulder

Business and industry are helping to pay the costs of today’s education

If you’ve sent any sons or daughters to college lately, you are no stranger to the rising costs of education. Tuition rates have increased as much as 300 percent since 1950.

Are the schools making ends meet? Hardly. At most colleges and universities, the tuition you pay covers less than half the cost of your child’s education. Someone has to provide the remainder.

Amerco’s corporations are contributing in many ways. Standard will provide nearly $1.5 million this year for scholarships, fellowships, grants and materials for schools and colleges.

Our scholarships and fellowships have no strings attached. We do not select the recipients, nor do we expect them to come to work in our Company. It is simply a way of putting an arm around the shoulders of promising young men and women. And helping to answer the plea: “Give us more trained minds to serve the nation.”