

MIT chooses developer for Simplex site Neighbors say plan lacks housing

By Burt S. Kaliski

MIT announced a final agreement with Forest City Enterprises Inc. of Cleveland last week to develop 25 acres of Cambridgeport known as the Simplex site.

Forest City's preliminary proposal includes several office buildings, retail stores and a convention center, and housing on the site's perimeter, according to Walter L. Milne, assistant to the president and the chairman of the MIT Corporation.

Bill Noble, a Cambridgeport resident and self-described neighborhood activist, claims the development plan does not provide

sufficient housing affordable to city residents with low to medium incomes.

The agreement with Forest City follows the Institute's support of a petition submitted to the Cambridge City Council to suggest uses of the land. The Cambridge Ward 5 Democratic Committee had endorsed the petition to "get going on redeveloping the old Simplex property."

The City Council is expected to vote on that recommendation, known as the Caragianes petition, at its Oct. 31 meeting. The council has not approved any of

the 10 petitions previously submitted.

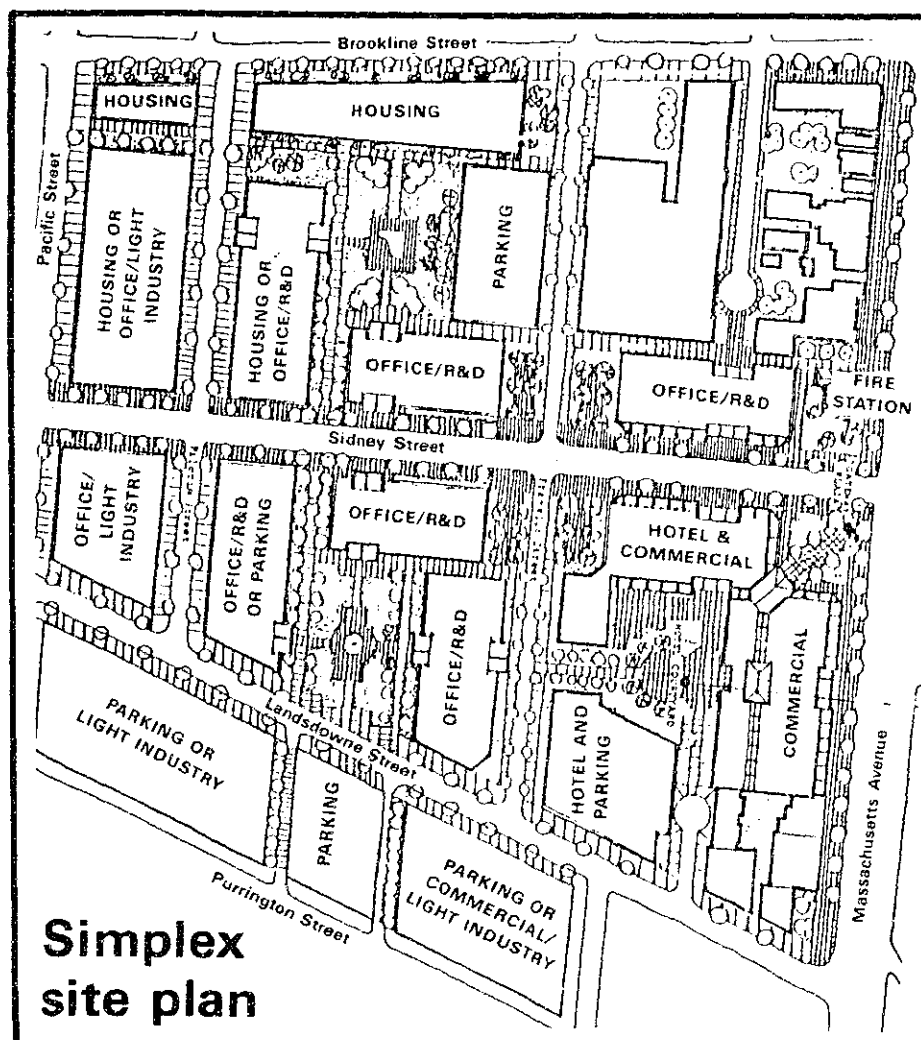
Representatives of Cambridgeport residents submitted three of those petitions, each requiring the developer to provide 350 to 400 housing units, 30 percent of which should be affordable for people with low to medium incomes, Noble said.

The Caragianes petition requires one housing unit per 1000 square feet of office space, up to 125 units; 10 percent of those units would be priced for low to medium income residents.

Forest City will not begin construction for at least two years, Milne said. The developer will first study the market for retail and office space and a hotel in Cambridgeport.

The project may also include a multi-unit apartment building on Massachusetts Avenue, he said. Construction would likely take a decade or more.

(Please turn to page 2)



Simplex site plan

History of Simplex property

- 1970: MIT buys 19 acres of property owned by the Simplex Wire and Cable Company for \$750,000 an acre, and begins to acquire adjoining lots.
- 1980: Neighborhood protests force MIT to agree not to buy any more land in the area.
- March 1982: MIT calls for proposals to develop the Simplex site. Its primary objectives, the Institute says, are to generate property tax revenues, provide employment opportunities, and, where permitted, provide new housing.
- May 1982: Five real-estate developers submit preliminary proposals.
- November 1982: A group of residents near the Simplex area submits a petition to the Cambridge City Council to ensure that buildings within the Simplex area will be used only for non-academic purposes. The petition is not approved.

Student activities must pay MIT employee benefits fee

By Thomas Huang

All student activities which employ students must contribute an

amount equal to 33.9 percent of their payroll to MIT's employee benefit program, according to John A. Currie '57, director of finance.

John Mark Johnston '84, chairman of the Student Center Committee, expressed reluctance to pay the surcharge at a meeting Sunday night, because none of the workers in the committee's 24-hour coffeehouse will receive any part of the benefits.

The committee would have to pay approximately \$25,000 a year unless MIT decides to waive the surcharge.

The federal government requires that MIT contribute to the employee benefit fund for all employees, including students, Currie explained.

The Muddy Charles Pub, the Thirsty Ear Pub and *The Tech* are

(Please turn to page 10)

Annual ball is not held due to lack of interest

By Burt S. Kaliski

The MIT Social Council cancelled its annual Homecoming Ball scheduled for last Saturday night because it had sold only 20 tickets as of Thursday afternoon, according to Henri J. Meerman '84, Social Council chairman.

The council would have needed to sell 260 tickets to the event in Walker Memorial, at \$7.50 each, to stay within the \$2500 budget appropriated by the Undergraduate Association Finance Board

for the weekend, Meerman said.

The Social Council instead held a party in the mezzanine lounge of the Student Center with champagne and refreshments, featuring one of the two bands scheduled for the ball. The alternative event cost less than \$2000, he said.

Expenses for the Homecoming Ball would have included \$1300 for refreshments, \$1150 for the bands, at least \$500 for cham-

(Please turn to page 10)



Building 39 undergoes renovation.

Tech photo by Rohan S. D. Khaleel

Building 39 rebuilt as VLSI test lab

By John F. Pitrelli

The renovation of Building 39, the new Microsystems Technology Research Laboratory, should be completed on schedule by September 1984, according to Anthony Colozzi, administrative officer for the laboratory.

The complete renovation of all six floors and basement of the old Information Processing Service Center will cost approximately \$9 million, Colozzi said, and he expects no major budget overruns.

The laboratory, part of the Department of Electrical Engineering and Computer Science, will fabricate very-large-scale integrated circuit chips. It will occupy space on the building's second, fourth and fifth floors.

The second floor will provide 7000 square feet of laboratory area, including a "class 10 clean room" — a room with filtered air containing less than ten 0.3-micrometer particles per cubic foot, Colozzi said. Such clean rooms are necessary for making integrated circuit chips, he explained.

A sub-microstructures laboratory will occupy the fourth floor and have some class-10 space and other areas with less completely filtered air, Colozzi said. The fifth floor will house ten smaller research laboratories.

Equipment for the laboratories will cost about \$6 million, Colozzi said.

The third and sixth floors will house offices and mechanical equipment. The machinery rooms will contain equipment to support the laboratories, including an acid neutralization station, a deionized water system and a ventilation system to provide the clean rooms, Colozzi said.

The air produced by the ventilation system will be "cleaner than Cambridge air," he said.

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inside

Comic relief from the fat cats. Page 11.

Cowering in Coward's shadow. Page 11.

Four minutes are fatal for field hockey. Page 17.



Rick Berlin sings at Friday's concert. More photos, page 15.

Tech photo by Steven Brubst

Hotel, offices planned for Simplex land

(Continued from page 1)

The development would be beneficial to the Institute, Milne said, because it would provide housing for members of the MIT community, a hotel to accommodate those attending conventions on campus, and attractive retail stores.

The project would not be favorable to light industry in Cambridgeport, Noble said, because research and development has a higher return for the developer and is not restricted by the Caragians petition.

The petition also does not guarantee open space for public use, he said. It requires 15 percent of the land be open, but the open space would probably be distributed as landscaping for the buildings rather than as a park facility.

The Institute should sell three acres to Cambridge in exchange for a credit, to be distributed over 20 years, on its payments to the city in lieu of taxes, Noble said.

Forest City could immediately proceed with the development if the City Council does not decide

to rezone the area, Milne said, although it could not build housing in the interior of the site.

There is "some puzzlement" in the City Council about why MIT did not begin developing the site earlier, Noble claimed. The Institute might have been awaiting approval of housing in the interior of the site, he said.

Potential tenants would be reluctant to work with developers without the council's approval of plans for the site, Milne said, because they would want a constant "let's change it" by the City Council.

Noble said the Institute should sell some of its Simplex land to lessen its influence in the area and expand the diversity of developers. "Had MIT not bitten off quite so much" it may have kept the trust of the neighborhoods, which are "leery of [the plan] in its present form."

Neighborhood residents fear MIT will continue its academic expansion to the Simplex site as it has on the east side of Massachusetts Avenue, Noble said.

The Institute has no plans to use Simplex for academic purposes, Milne said, but it may rent

taxable areas in an office building, as it does in Technology Square.

The Institute also owns property in other parts of Cambridge, including the buildings on Main Street in Kendall Square which house BayBank/Harvard Trust and Lee Nutrition, and about 80 percent of the buildings along Memorial Drive and Amherst Street on the east side of campus, Milne said.

MIT may someday use those buildings for academic purposes, he said.

Construction of new lab proceeds in Building 39

(Continued from page 1)

The office space will accommodate 8 to 10 faculty members, approximately 60 graduate students, and members of support staff and administration. The third floor will also have a computer room.

The first floor and basement will be used for building support services and storage.

A hallway on the building's first floor will allow passage from Vassar Street to the south side of the building. The third floor will be the only one to connect with the Center for Space Research (Building 37) and the Sherman

Fairchild Building (Building 38), although the upper five floors about the two other buildings.

The other floors are accessible only by elevator, prevent passers-by from contaminating the air, Colozzi said. Those floors will have emergency exit doors leading to adjacent buildings, he said.

Building 39 is closed during the renovation because of hazards during demolition and reconstruction of the interior, according to Colozzi.


Opening a safe passageway between Buildings 37 and 38 for the duration of the construction on one floor of Building 39 would

cost \$8000, and the passageway would have to be relocated frequently, he said.

Construction workers gutted most of the building and removed almost all interior walls. They are now drilling holes through the floors to accommodate air ducts, Colozzi said.

The holes and protruding pipes would be the major hazards to pedestrians during the renovation, he continued.

The architect for the renovation project is Symmes, Maini and McKee Associates Inc., and the contractor is D. O'Connell's Sons Inc., according to Harry P. Portnoy, campus architect.





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news roundup

World

Snipers kill American Marine in Beirut — One US Marine was killed and three others were injured in fighting with Shiite Moslem militiamen in Beirut Sunday. The casualties came during the fourth consecutive day of attacks against American troops and brought the total number of Americans in the multinational peacekeeping force killed to eight.

Nation

Reagan taps McFarlane security advisor — President Ronald W. Reagan yesterday announced he has chosen special Middle East envoy Robert McFarlane to replace William P. Clark as national security advisor. Reagan last week nominated Clark to replace Interior Secretary James Watt. In a brief press conference yesterday, the president denied rumors that Ambassador to the United Nations Jeane J. Kirkpatrick is unhappy in that post and wished to move to Washington to head the National Security Council.

United States, Canada sign agreement on Great Lakes — The United States and Canada signed an agreement yesterday to cut phosphorus pollution of the Great Lakes by about 15 percent. The Reagan administration told the Canadian government it may be some time before it can formulate a plan to reduce acid rain in the eastern states and provinces.

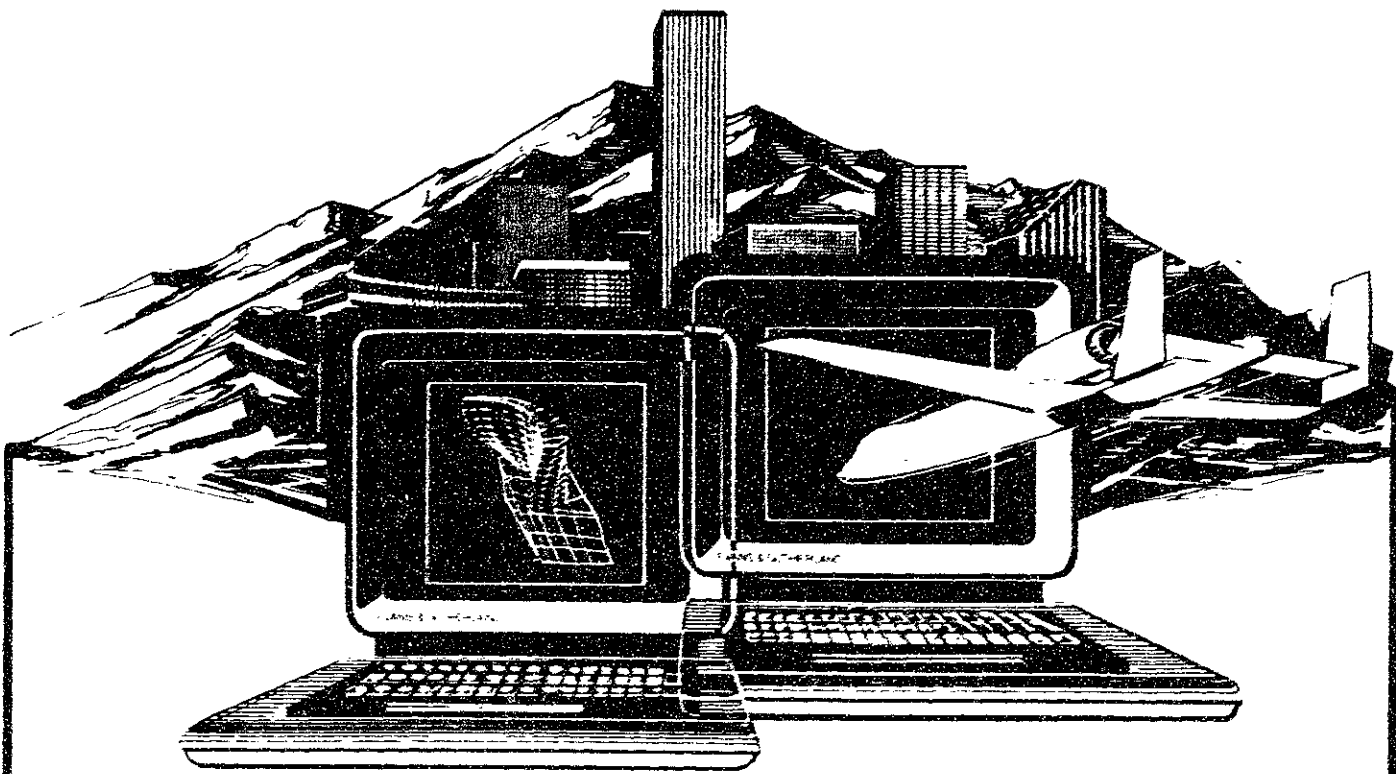
Weather

Sunny, pleasant days ahead — The cold front which passed through Boston last night will leave clear skies and cool temperatures. The high today should be about 60 degrees and the low tonight will drop to the low 40s. Tomorrow will also be sunny with a high in the upper 50s.

Daniel Crean

The Tech

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Opinion

Editorial

Witt's plans for change fall short

Michael P. Witt '84, president of the Undergraduate Association, promises to present a new constitution for the undergraduate student government by Nov. 1, following the proposals for reorganization he announced at a General Assembly meeting earlier this month. His proposals, although quite commendable in many ways, are insufficient in others, for he does not address the fundamental issue of funding for student activities.

His proposals legitimately attempt to reassert the purpose of the General Assembly: It must "assert its role as the sole legislative, judicial, and representative body of the Undergraduate Association." The constitution now provides the power for the General Assembly, though the body has not yet fulfilled its role. The first, necessary step in making student government effective, as Witt correctly states, is recognition of this role by the students.

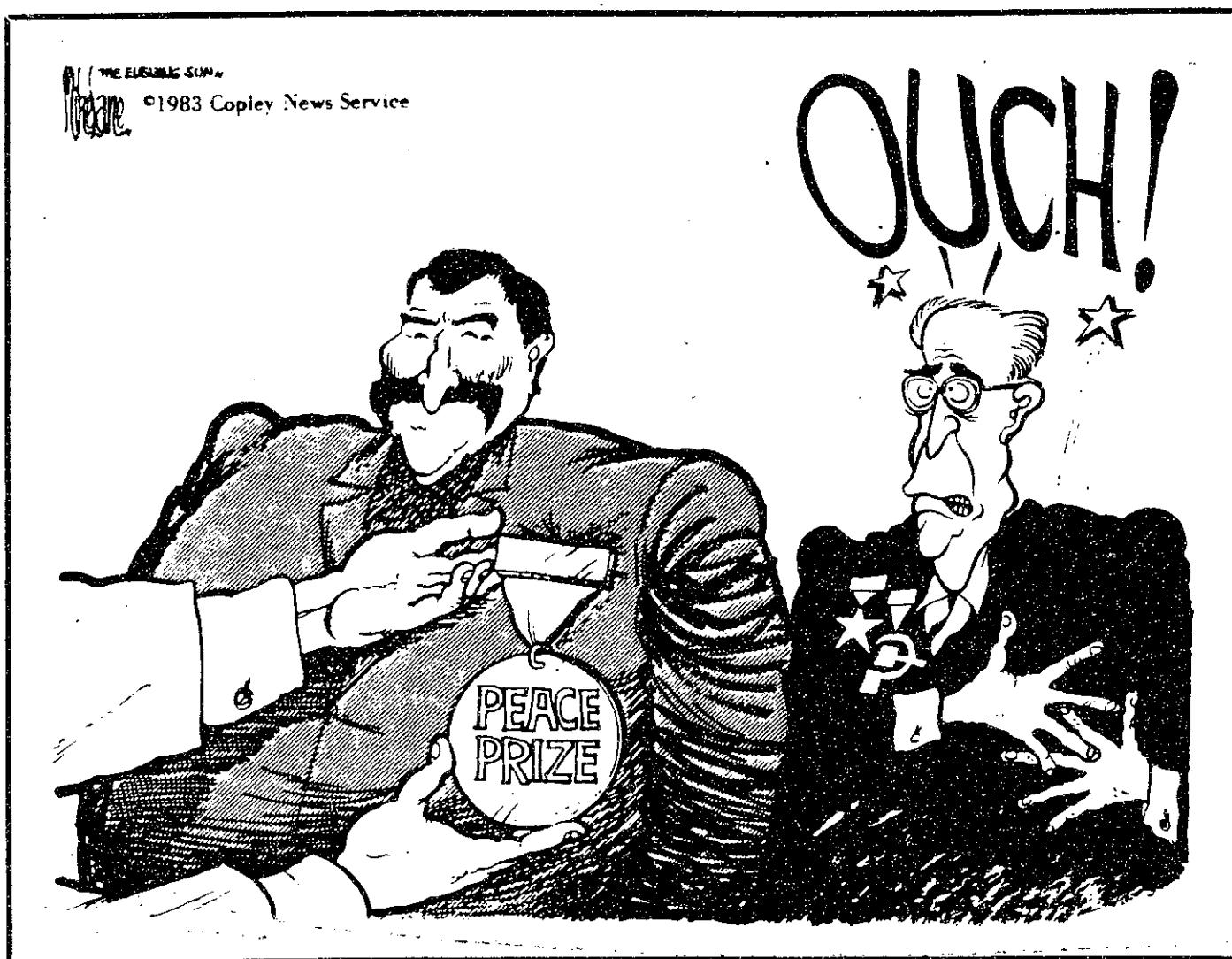
The Undergraduate Association, as Witt proposes, must also work more closely with the Graduate Student Council, for the interests of graduate students and undergraduates are alike. Many student activities have members from both groups; they should more easily be able to obtain resources from both student governments.

Witt also proposes that the General Assembly absorb the functions of the Association of Student Activities, the Student Committee on Educational Policy and the Nominations Committee. These organizations, in theory subordinate to the General Assembly, have in practice functioned independently. Witt's plan here recognizes that the elected representatives of the students must directly control the students' resources — including less tangible resources like the power to articulate positions on Institute policy and representation on Institute committees.

The General Assembly now has the power, under the Undergraduate Association constitution, to enforce several of the controls Witt recommends. But without motivation or commitment among its members, the General Assembly cannot act effectively and it will not be taken seriously by its constituents. Students will not actively participate in their government until it is truly a government by the students, one independent of the administration and independent of the whims of cabalistic committees.

Witt's statement that "all allocations of student resources must be more closely supervised and confirmed by the General Assembly" shows support for a strengthened student government, but in itself is not sufficient. As long as student activities funding originates in the Office of the Dean for Student Affairs, ultimate control of those activities will reside in the Dean's Office; the General Assembly, to effectively lead, must take responsibility for raising revenue as well as distributing it.

A student activities fee, determined annually by the General Assembly as part of the budgetary process, will provide essential autonomy, and will ensure the General Assembly maintains a position of leadership in student activities and government. When students have the power of the purse, interest, participation and concern will increase.



Guest Column/Erik A. Devereux

Technological age demands more of technical institutions

MIT turns out management-quality engineers and research scientists. The technical education here is broad and deep: a killer atmosphere for students, but one that provides them with an overview to understand and manage entire systems. A large proportion of MIT alumni is on the management track ten years after entering industry.

If you ask an Institute official about the purpose of an MIT education, you get a brief sampling of educational philosophy followed by hiring statistics and graduate school acceptance ratios. You will not hear statistics on leadership. MIT does not attempt to develop the leadership potential of its graduates or to encourage them to enter politics or government.

This appears to be the job of Harvard, the noble institution that educates the presidents of the corporations that have MIT alumni on the management track.

Unfortunately for us all, our leaders face complex technological problems that require daily decisions. Issues like toxic waste, nuclear energy, nuclear weapons, water resources, genetic research and technology transfer are at the forefront of the national agenda. The question is whether politi-

cians and civil servants understand in sufficient detail these problems to make intelligent policy choices. Many such issues require answers free from standard political prerogatives, like patronage and parochialism.

MIT has not asked itself whether it owes something to society when designing the educational environment. If a leadership with a broad technical background excellent for dealing with all technological issues does not come from the nation's leading institution of technical education,

whence will it come? Institutions of higher education have a duty to encourage commitment to public participation in their graduates.

MIT feeds on government grants; those grants are a product of public taxes. The Institute should hand more back to the public than working papers and research results, including the educated public servants necessary for dealing with the complex problems that arise over the application of technology in the private and military sectors.

The Tech's opinion pages exist to provide a forum for commentary on issues of concern to the MIT community — not only the views of the editorial board or individual staff members, but also the opinions of members of the broader MIT community.

The Tech endeavors to print all letters to the editor contributing to discussion of issues relevant to the community. Letters written to promote specific events or activities are not printed; The opinion pages are not a bulletin board for free advertising by groups or individuals. Comments on the coverage, content, or editorial position of the newspaper are encouraged. In no instance does The Tech refuse to print a letter because the editorial board does not agree with the author's views. Letters violating standards of decency and appropriateness, however, are not published.

All submissions should be typed, double spaced, and bear the authors' signatures. Unsigned letters will not be printed, but authors' names may be withheld at the editor's discretion upon request. The Tech reserves the right to edit or condense all letters.

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Opinion

Column/Mark Templer

Candidates should attack deficits, not arms race

American politicians have a curious tendency to emphasize the irrelevant over the real, and the 1984 presidential campaign has provided no exception to this rule. For several months now, Democratic candidates have been scurrying about uttering shrill cries about the threat of nuclear war, while ignoring the issue that most affects the average American: the economy.

Sen. Alan Cranston, D-Calif., is the most outspoken of the Democratic challengers on the nuclear arms issue, and his views typify their attitude: "The nuclear arms race is the gravest threat to our nation in history, even if we never fight a nuclear war! It is destroying our economy . . . keeping interest rates and budget deficits high."

Cranston has also claimed that President Reagan wants to spend \$2.7 trillion on "defense-related matters" in the next five years. He is about 70 percent high in his estimate. Cranston implies that defense spending is the cause of our economic woes, and most of the other Democratic candidates made similar points at last week's forum on nuclear weapons at Harvard's Kennedy School of Government.

All of this posturing is designed to make people believe American nuclear arms are the source of all evil, and we had better support Democratic candidates or Ronald Reagan will blow up the world.

But average Americans are concerned about other matters. They want to know whether they will be able to send their kids to college. They want to know whether they will ever have enough money to buy a house. They want to know if they will still have their businesses and their jobs tomorrow.

Unlike the nuclear arms race, the state of the economy matters to the people of this country in a very real way. There is a significant danger that the incipient economic recovery may be aborted by a genuine government problem: endless \$200 billion budget deficits.

As we have heard time and time again, huge deficits have hurt the economy by putting pressure on interest rates and inflation. Next year, net private savings in the United States will be around \$300 billion, while the fiscal 1984 budget deficit looms around \$210 billion. This means that if the government finances the deficit through borrowing, only \$90 billion in net savings will be available for new long-term investment in a \$3 trillion dollar economy.

Editorials, marked as such and printed in a distinctive format, represent the official opinion of *The Tech*. They are written by the Editorial Board, which consists of the chairman, editor in chief, managing editor, executive editor, and news editors.

Columns are usually written by members of *The Tech* staff and represent the opinion of the author, and not necessarily that of the newspaper.

Letters to the Editor are written by members of the MIT community and represent the opinion of the writer.

As the economy heats up, interest rates will soar, and the economy will fall into another slump. On the other hand, if the government prints money to finance the deficit, it will begin another cycle like the one that led to an 18 percent inflation rate in early 1980 and a severe recession afterwards.

Budget deficits really are threatening: The nation needs to do something about them. Unfortunately, neither political party has put forward a coherent strategy to deal with this problem. Cranston, Former Vice President Walter Mondale, and other Democrats pretend the budget can be balanced by cuts in nuclear weapons spending, but nuclear weapons account for only a few percent of a budget that is 25 percent out of balance.

Reagan has tried in the past to reduce the deficit, but he now seems to be ignoring the problem in the face of stiff congressional opposition to further budget cuts. He has turned his attention to foreign policy in the hope that the deficit and the economy will take care of themselves.

Deficits can, however, be reduced. After fifty years of pressure group politics, the budget is chock-full of tax shelters and pet programs for special interests. It does not take long to make up a list of unnecessary tax loopholes — from oil industry subsidies to Industrial Revenue Bonds — that cost the government over \$60 bil-

lion per year.

There is even more waste on the spending side. Entitlement programs for the middle class now cost well over \$300 billion and are still skyrocketing. Giveaways to businessmen — from dairy farmers to defense contrac-

tors — run in the tens of billions of dollars. Billions more are wasted in incompetent administration, fraud and duplication of effort.

The budget deficit is not an intractable problem. It has a genuine impact on the day-to-day life

of the average American. It could be solved by a concerted effort by our leaders, but their interests seem to lie elsewhere. This is unfortunate, because next to a stable economy, the threat of nuclear war matters little to the people of this country.



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opinion

Column/Joseph J. Romm

Double Bond: Never Say Octopussy Again

There are essentially three kinds of people in the world: Those who think Sean Connery is the real James Bond, those who think Roger Moore is the real James Bond, and those who are no longer reading this article.

Now that a new Bond movie featuring each of these stars is in release, a direct comparison between them is possible.

First the titles: Here Connery is a clear winner with the innocuous *Never Say Never Again* over the remarkably offensive and pointless *Octopussy*. Still, Moore's title is an Ian Fleming original, while Connery's is not. Only one point to Connery. Score: 001 to 000.

Neither movie has a memorable title song, but only Moore's uses the original Bond theme. One point to Moore: 001 to 001.

Next comes the most gratuitously violent opening sequence. Both movies did well here, as expected. Connery's movie almost won out because he is killed at the end of the sequence, but on re-examination, this sequence serves to indicate that Bond is growing older, and it is not entirely irrelevant to the plot: a definite no-no. Each gets a point. Score: 002 to 002.

For the producer with a name most like produce, Moore's Albert R. Broccoli is the clear winner. Too bad I don't like broccoli. No points awarded. Score: 002 to 002.

Sophisticated gadgets are essential to any Bond flick. Con-

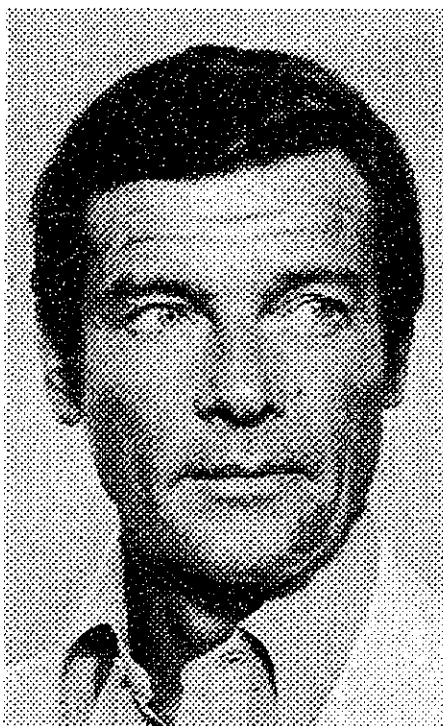
nelly would appear to be a clear winner here with wrist lasers, jet packs, and even an advanced video game that gives electric shocks to the loser. The real James Bond wouldn't be caught dead playing a video game. Score: still 002 to 002.

Connery's villains easily top Moore's. The bad guys in *Octopussy* are run-of-the-mill supervillains, but *Never Say Never Again's* Largo was different: He was a nice guy. The kind of guy who could plot to extort billions while still taking time to raise money for orphans. Two points to Connery. Score: 004 to 002.

Neither movie has a super would-be Bond assassin like Odd-Job or Jaws. The two knife-throwing brothers chasing Moore are about as boring as the evil giant stalking Connery. Still, Connery does more cruel but funny things to his would-be killer, like throwing urine in his face. One point to Sean. Score: 005 to 002.

It's a toughie, but Connery gets the point for best use of nuclear weapons in a supporting role for his cruise missiles and B-1 bomber. Score: 006 to 002.

Here's the important one: best



Roger Moore

use of beautiful women for gratuitous sex. Moore does OK here, but Connery loses big: All of the sex in *Never Say Never Again* is incorporated into the plot. Connery loses two points. Score: 004 to 002.

Moore wins easily for most contrived plot. In *Never Say Never Again*, the storyline is taken al-



Sean Connery

most intact from *Thunderball*, an earlier Bond movie — starring Connery — back when the plots bore even a slight resemblance to Ian Fleming's books and were not, therefore, utterly ridiculous. In *Octopussy*, however, we are asked to believe that a mad Russian general plots to detonate a nuclear weapon on the ground in

a West German military base so that everyone will think it was a nuclear accident and peace activists will, in turn, force NATO to pull out all its nuclear weapons allowing a Soviet tank invasion. Right. Two points to Moore. Score: 004 to 004.

For least acting, Moore is a clear winner again as he almost effortlessly glides through the entire movie. Sean Connery as an aging James Bond shows too much depth and too much character. Two points to Moore. Score: 004 to 006.

Back to the real reason for Bond movies: attractive women. If you've seen one fantastically gorgeous and sexy woman who throws herself at British superagents in their mid fifties, you've seen 'em all. No points awarded. Score: 004 to 006.

Finally, the best James Bond: There is only one James Bond, and Sean Connery is it. Roger Moore can go back to TV for all I care. I'm not sure how Moore even got a learner's permit, let alone a license to kill. Minus six points to Moore and, of course, three points to Connery. Final score: Connery 007, Moore 000.

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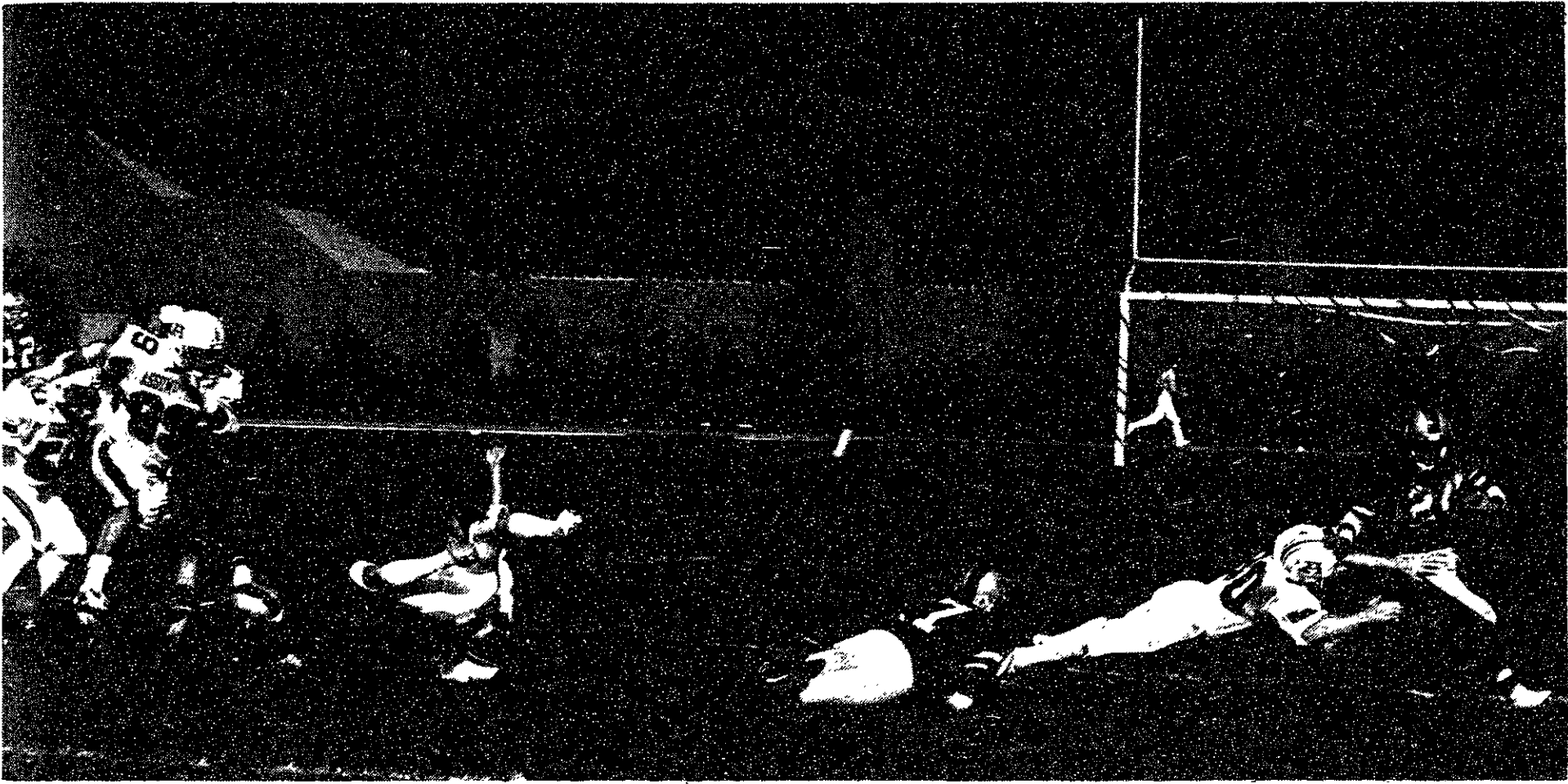
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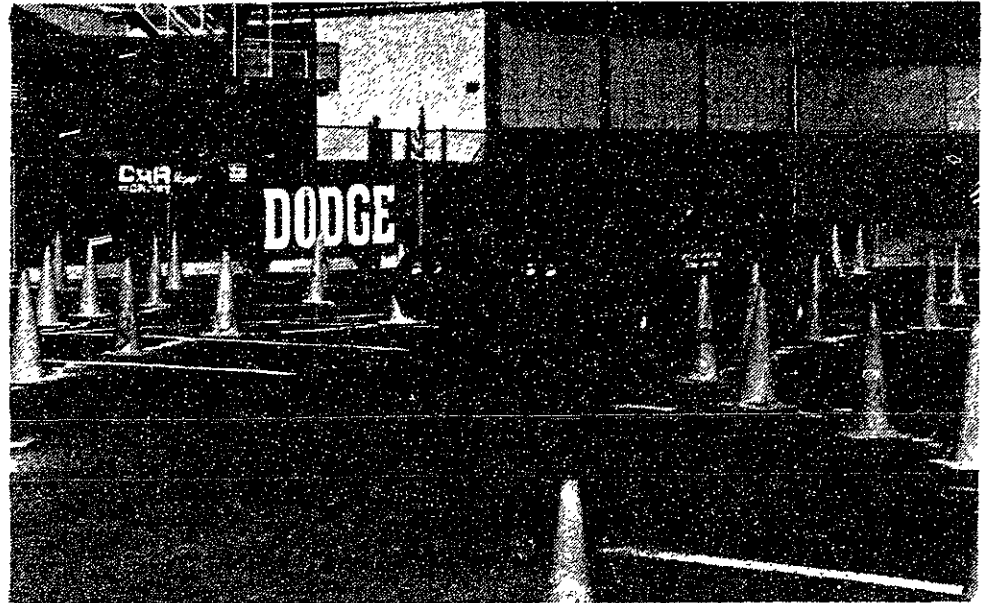
Fred Allen '84, with some help from Frank Griffith '87, slips by an Assumption defenseman.

Tech photo by Steven H. Wheatman



Tech photo by P. Paul Hsu

Berlin Airlift guitarist Steve Perry puts some feeling into his playing as Rick Berlin (right) hits a high note.



Tech photo by Steven H. Wheatman

Brian Constable '86 drives a 1984 Dodge Daytona Turbo in the National Collegiate Driving Championships held in the West Parking Lot.

Homecoming Weekend '83



Tech photo by P. Paul Hsu

'Til Tuesday lead guitarist Robert Holmes and bassist Aimee Mann perform at the Homecoming Concert Friday night.



Tech photo by P. Paul Hsu

A fan offers Rick Berlin some beer during Friday night's concert.

Johnston, Immerman react to fee for employee benefits

(Continued from page 1)
among the other groups which employ students and are required to pay the surcharge, according to Stephen D. Immerman, assistant dean for student affairs.
If the groups do not contribute to the benefit program, MIT would be required to replace their contribution with its own unrestricted funds, and that could lead to an increase in tuition next year, Currie said.
"If we waive [the contribution] for certain selective groups, ... we would have to pay for it out of unrestricted funds," he said.
Only the president of MIT can

waive the requirement, Currie said.
Immerman said, "The question is whether [a Student Center Committee] employee can be considered an Institute employee." Were such students considered MIT employees, he contended, they might also be eligible for insurance and pension programs.
Johnston said those affected by the surcharge issue will get together and decide whether this federal regulation should apply to student groups. "I think we've got a strong case against it."
MIT began a program July 1

to provide tuition scholarships from the employee benefit fund to graduate research and teaching assistants while reducing their salaries, Currie said.
Rents for undergraduate housing increased by 9.9 percent this year in part to contribute to the benefit fund. The housing system, however, spread the contribution over a three-year period after the requirement increased from 25.2 cents to 33.9 percent of salaries, according to Currie.
He said no similar proposal has been made for student activities.

Ball cancelled to avoid loss

(Continued from page 1)
pagne and at least \$700 for decorations, Meerman said. A cash bar would have covered the approximately \$400 in liquor expenses. The council had already spent \$250 on publicity.
The council's decision not to hold an election for homecoming king and queen — a controversial issue in recent years — may have made the community less interested in the weekend, Meerman said.

Fraternities that had many members come to previous homecoming dances scheduled parties Saturday night, Meerman said. "It really discouraged us. ... I didn't think the quantity of interest was enough" to hold the event.

The Undergraduate Association General Assembly should approve election of new officers for the council soon after Spring Weekend, he said. His election in June did not leave sufficient time to plan homecoming events, he claimed.

The council had planned to hold a raffle at the ball and had taken the names of the 20 ticket-

holders, Meerman said. The Finance Board will send refund checks to the purchasers, he added.
David M. Libby '85, chairman of the Undergraduate Association Nominations Committee,

"speaking as a member of the Finance Board," said he was glad the Social Council had the "guts" to cancel the event. Student activities have lost much money in other events they did not cancel, he said.

notes

Listings

Thursday, October 20

Student activities, administrative offices, academic departments, and other groups — both on and off the MIT campus — can list meetings, activities, and other announcements in *The Tech's* "Notes" section. Send items of interest (typed and double spaced) via Institute mail to "News Notes, *The Tech*, room W20-483," or via US mail to "News Notes, *The Tech*, PO Box 29, MIT Branch, Cambridge, MA 02139." Notes run on a space-available basis only; priority is given to official Institute announcements and MIT student activities. *The Tech* reserves the right to edit all listings, and makes no endorsement of groups or activities listed.

The American Connection with Klaus Barbie is the subject of a lecture to be given by John Loftus at the MIT Hillel-Sparrow Memorial Lecture in the MIT Student Center Mezzanine Lounge. The program is open to the public. For more information, contact Miriam Rosenblum, x3-2982.

Tuesday, October 25

The U.S. Department of Health and Human Services, in an effort to better inform the public about its activities (AIDS, teenage alcoholism, runaways, etc.), will hold a college media seminar in Room 2003 of the JFK Federal Building in Boston from 9 a.m. to 12:30 p.m.

Ongoing

Rune 8, last spring's edition of the MIT magazine of arts and letters is now on sale, through Oct. 21, in Lobby 10, from 10 a.m. to 3 p.m.

Tuesday, October 18

An exhibition of the mixed media works/landscapes of artist Rose Ventling opens today and runs through Nov. 18, at the MIT Museum, 265 Mass. Ave. Call x3-4444 for more information.

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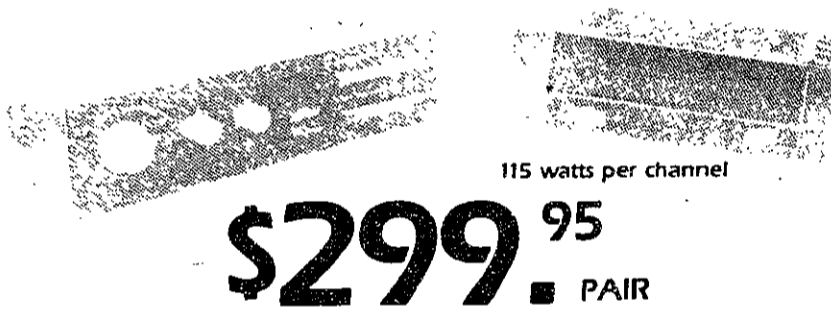
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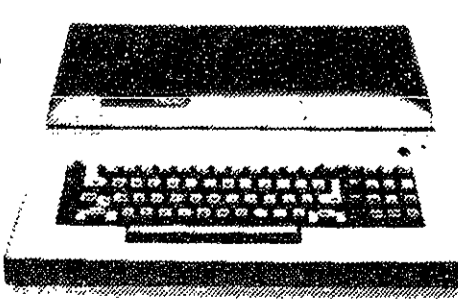
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Cowardly living ARTS

Design for Living, by Noel Coward, directed by Ken Ruta, scenery by Richard M. Isakes, costumes by Mariann Verheyen, lighting by Marcus Dilliard. Running now through Oct. 23, at the Huntington Theatre Company, Boston University.

The Huntington Theatre Company's production of Noel Coward's *Design for Living* belies their claim that it is a "free-wheeling, sophisticated, and delightfully decadent" comedy. The sets and lighting are stunning and the costuming is exquisitely mod, but the stage direction is uninspired, the acting undirected, and the resulting performance is frustratingly ponderous and not very funny.

Design's intricate plot can be delineated simply: Gilda loves a painter named Otto. She also loves his playwrighting friend Leo. Otto loves Gilda, Leo loves Gilda, Otto loves Leo, and vice versa. Gilda lives with Otto, has an affair with Leo, moves in with Leo, has an affair with Otto, abandons them both and marries a stuffy art dealer, then discovers that she can't live without her former lovers.

Coward's premise — three people can love each other enough to forge a *menage a trois* — had decadent overtones fifty years ago when *Design for Living* first opened, but is fairly pedestrian by today's standards. Yet this doesn't have to be a strike against the play. Neil Simon is living proof that this situation genre still has possibilities, and Coward is certainly a superior craftsman. His language is urbane

and seamless, his use of the one-liner is adroit, and though he sometimes creates dialogue by having his characters analyze each other, his character sketches are usually shrewd and insightful. Coward's plays demand tight pacing and a light touch rather than director Ken Ruta's foot-dragging and heavyhandedness.

Katherine Ferrand's portrayal of Gilda is the crux of the problem. Hers is a difficult, pivotal role — one that Coward himself had not completely elucidated — therefore, the actress playing Gilda must bring something extra to the part to fill in the missing pieces. Unfortunately Ferrand doesn't know whether her character is coming or going, consequently she relies heavily on stock posturing and a tittering nervousness that destroys what little surprise Coward might have in store for his audience. Ferrand's concentration is unfocused — she occasionally stumbles over her lines — and she never seems to connect with the other actors on stage.

The two other principals, Richard Council as Otto and Kenneth Meseroll as Leo, deliver passable performances, although at times they do play well together. Their drunkard scene at the end of Act 2 produces the only sustained humor in the show, but both suffer from affected accents and their stage time with Gilda.

The production's only brilliant performance is turned in by Jeanette Landis, whose cigarette-smoking, rough Cockney maid is a genuine pleasure to observe.



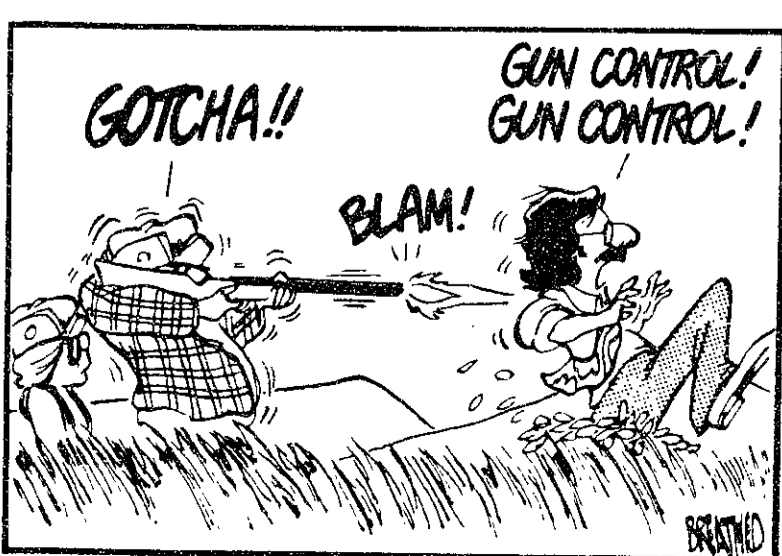
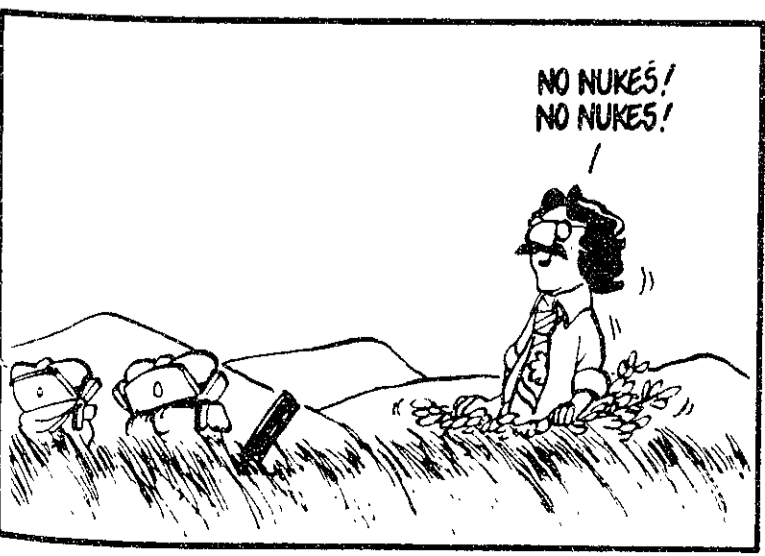
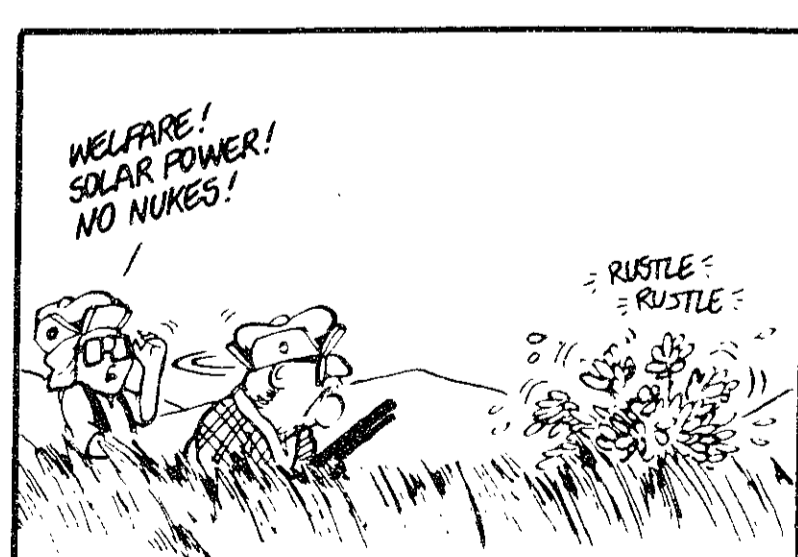
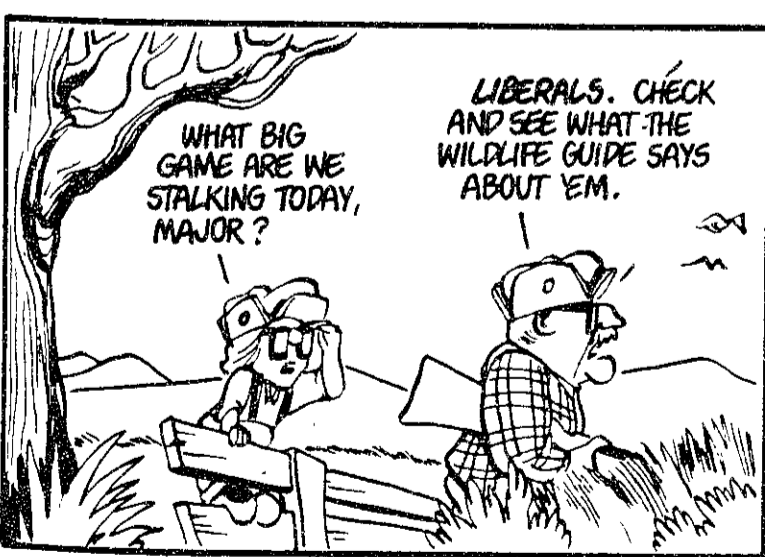
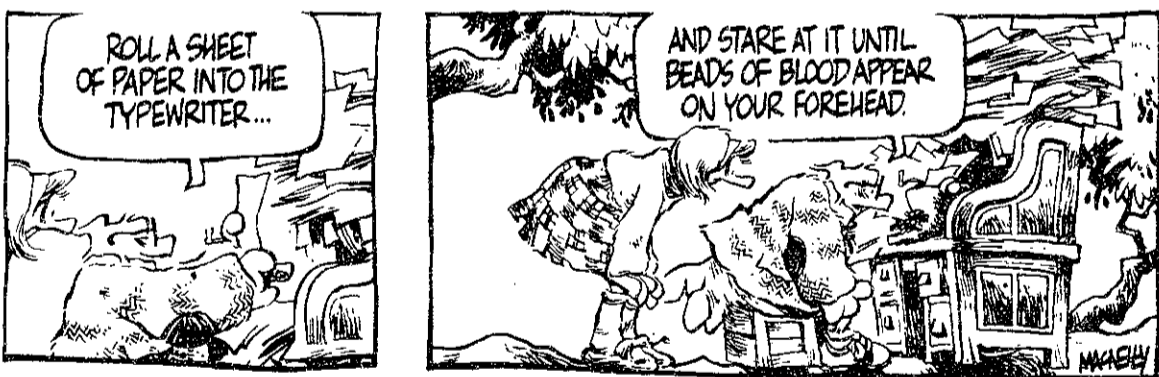
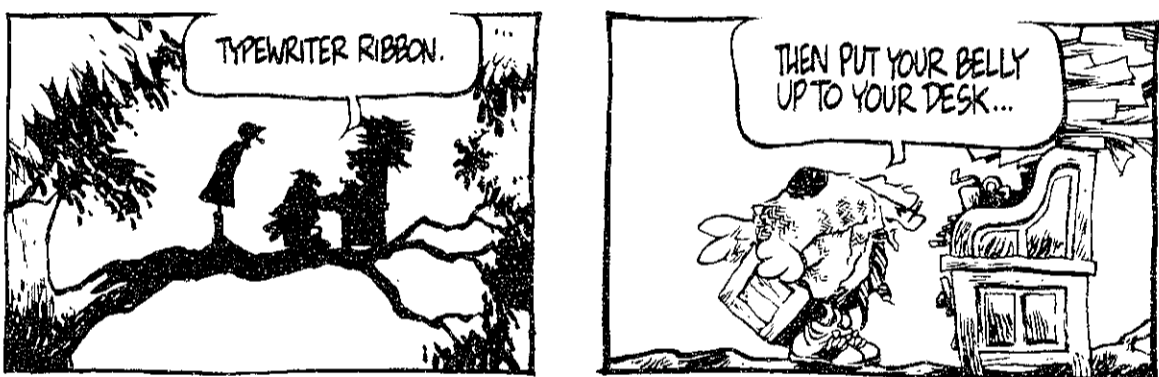
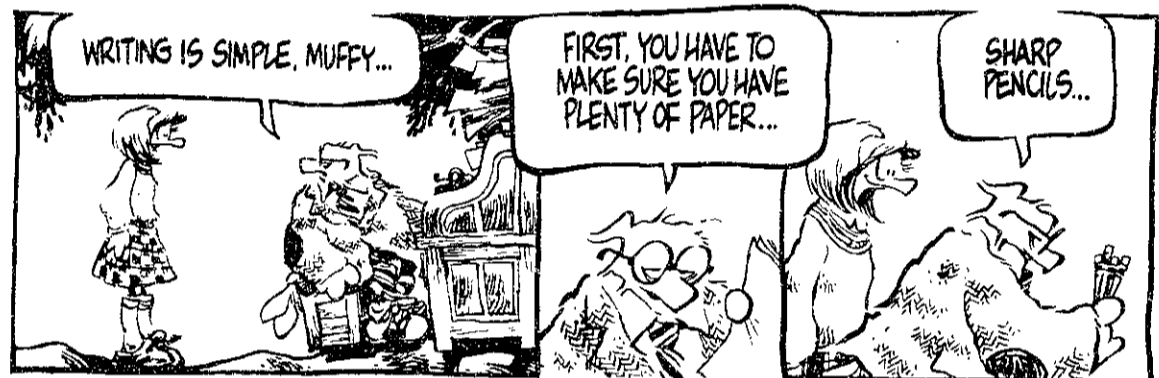
James Walch's Ernest Friedman (the art dealer Gilda marries) is inconsistent: His character's fascination for Gilda is missing, and as a result, his moralistic tirade at the play's close arrives from nowhere.

Set designer Richard M. Isakes, costume designer Mariann Verheyen, and lighting designer Marcus Dilliard are the true stars of the show; their work alone makes *Design for Living* worth seeing. Act 3's elegant Manhattan penthouse — com-

plete with hanging staircase, padded walls, and a staggering view of New York City — is the most amazing set I have ever seen on stage. With technical support as strong as this it is a shame that the rest of the production doesn't measure up. Despite its grand designs, the Huntington Theatre Company's *Design for Living* is as sophisticated and delightful as a cheap mannequin wearing a tuxedo.

Bill Bryant

No fat, lazy cat ARTS



Bloom County "Loose Tails", by Berke Breathed; Little, Brown and Company. *A Shoe for All Seasons*, by Jeff MacNelly; Holt, Rinehart and Winston.

There is no justice in the world of syndicated comic strips. The prolonged absence of Garry Trudeau's *Doonesbury* forces us to suffer with *Garfield Sits Around the House*, another collection of feeble vignettes from the strip that ranks with *Nancy* as one of the least funny comics in the history of publishing. This most recent apotheosis of a lasagna-eating cat that any sane human being would rather kill than tolerate enjoys a number one position on the *New York Times*' trade paperback best sellers list.

The number nine position on that list is Berke Breathed's first *Bloom County* compilation, subtitled "Loose Tails." Breathed, the current pretender to Trudeau's throne, presents a capsule summary of two years worth of strips. Unlike the meticulously compiled *Doonesbury Chronicles*, however, "Loose Tails" is too loose: It presents only a few panels each from what have now become classic episodes. The cockroach overthrow of the Bloom County Boarding House is reduced to only four panels, the Major's liberal hunt is represented by a single Sunday strip (admittedly one of Breathed's finest moments), and the portrait of the royal family and young William, "Prince of the Crumpets," is mercilessly truncated halfway through the sequence.

Bloom County has provided its readership with witty, often biting political humor and just plain out-and-out craziness, but Breathed's loose compilation does that

readership a tremendous disservice by not allowing it the opportunity to watch his comic strip evolve.

Winning a Pulitzer Prize is no guarantee of a place on the *Times*' best-sellers list, a principle of which Jeff MacNelly must be painfully aware. His political cartoons have received national acclaim, yet his comic strip, *Shoe* and his compilations — of which *A Shoe for All Seasons* is the latest — remain relatively unnoticed by most readers. Perhaps MacNelly's never-ending quest for the subtle laugh in the place of outrageous slapstick humor costs him readers, but those who remain faithful to the goings-on at the *Treetops Tattler-Tribune* regularly enjoy displays of the most Twain-like wit to grace the daily comics.

MacNelly works with a smaller set of central characters but has proven remarkably adept at exploring every possible quirk in *Shoe*, the Perfesser and Skyler — to the point where we can genuinely identify with his ornithological anthropomorphisms. Unlike Breathed, MacNelly chooses to stay away from politics — that is, apart from an occasional appearance by Tip O'Neill lookalike Senator Belfry — and concentrate on the small victories and defeats of daily life. He encourages us to take up the daily struggle against stupidity and bureaucracy, rather than simply to forget about it.

Shoe and *Bloom County* both provide a healthy dose of humor while remaining firmly rooted in reality, a rare talent that often goes unrecognized. Could any book about a fat, lazy cat do the same?

David Shaw

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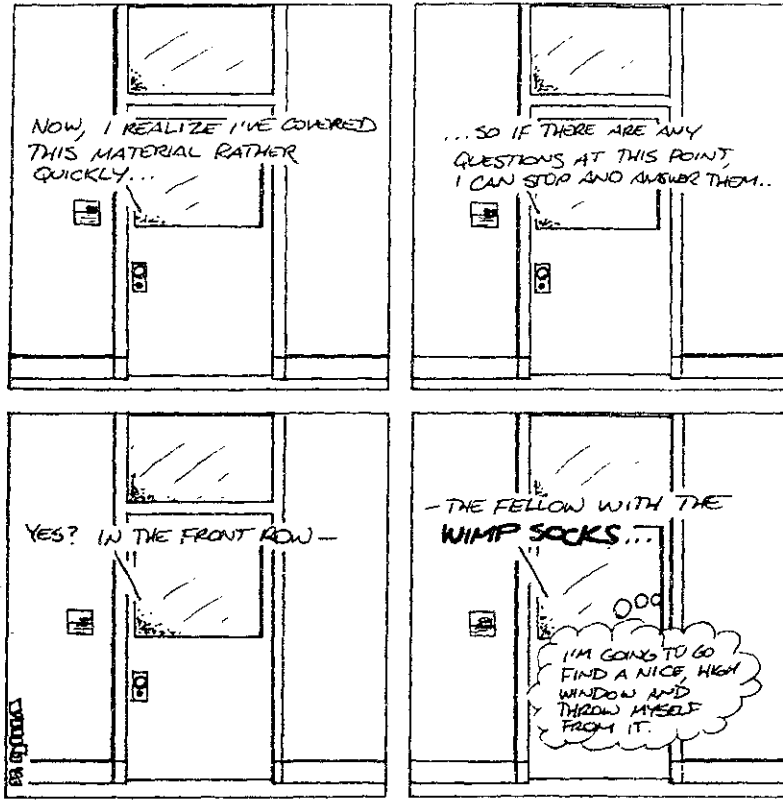
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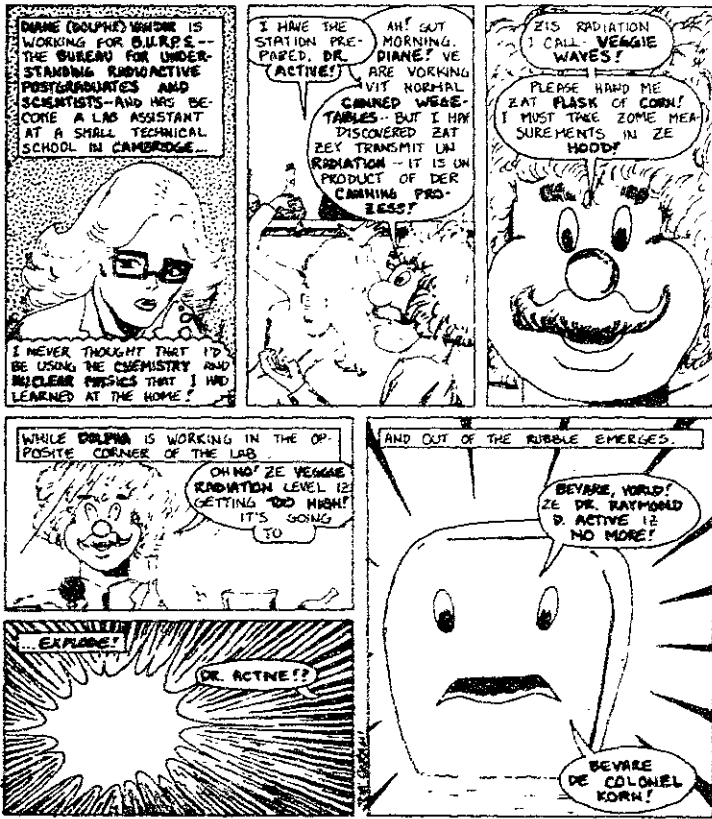
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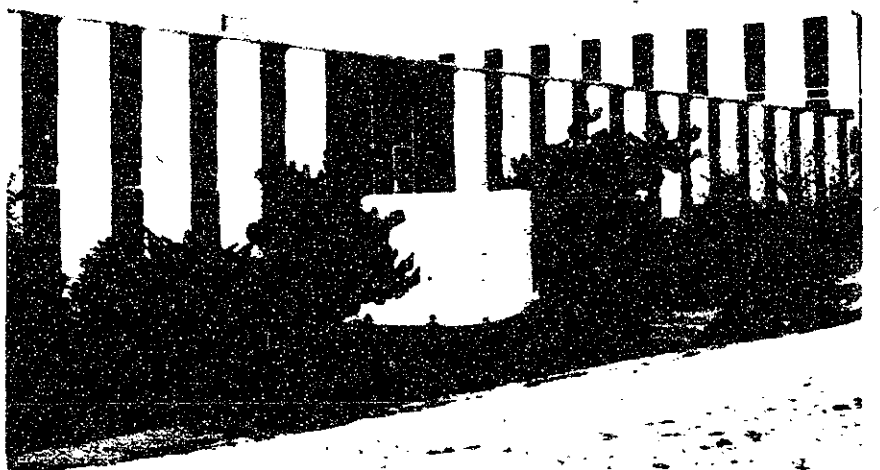
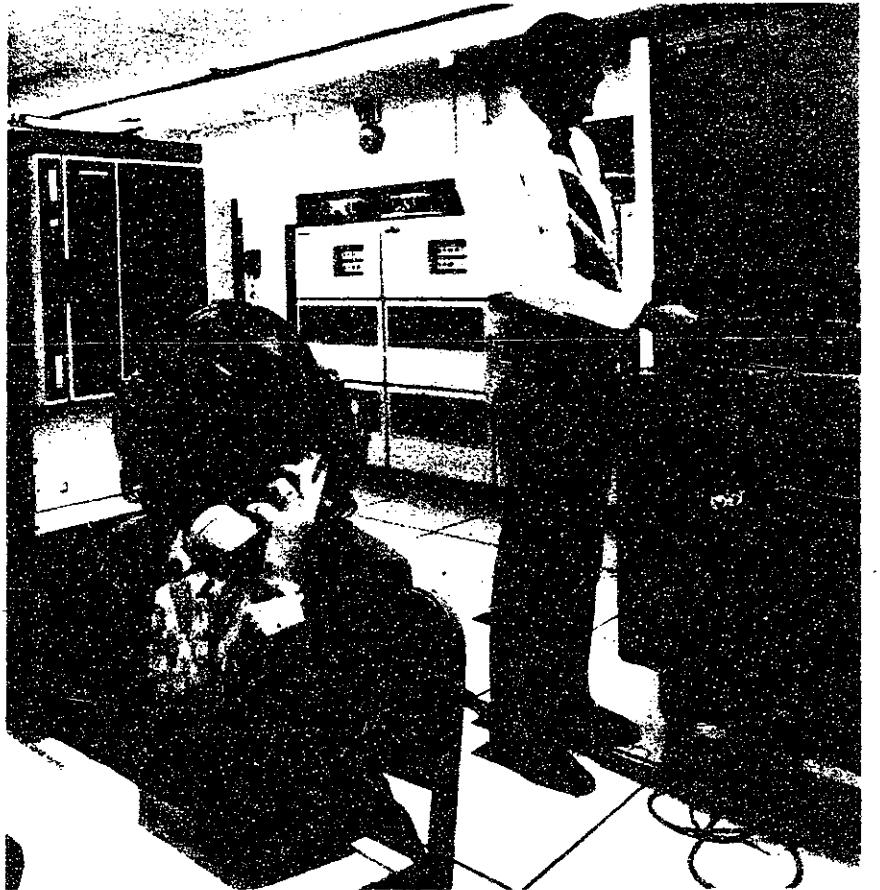
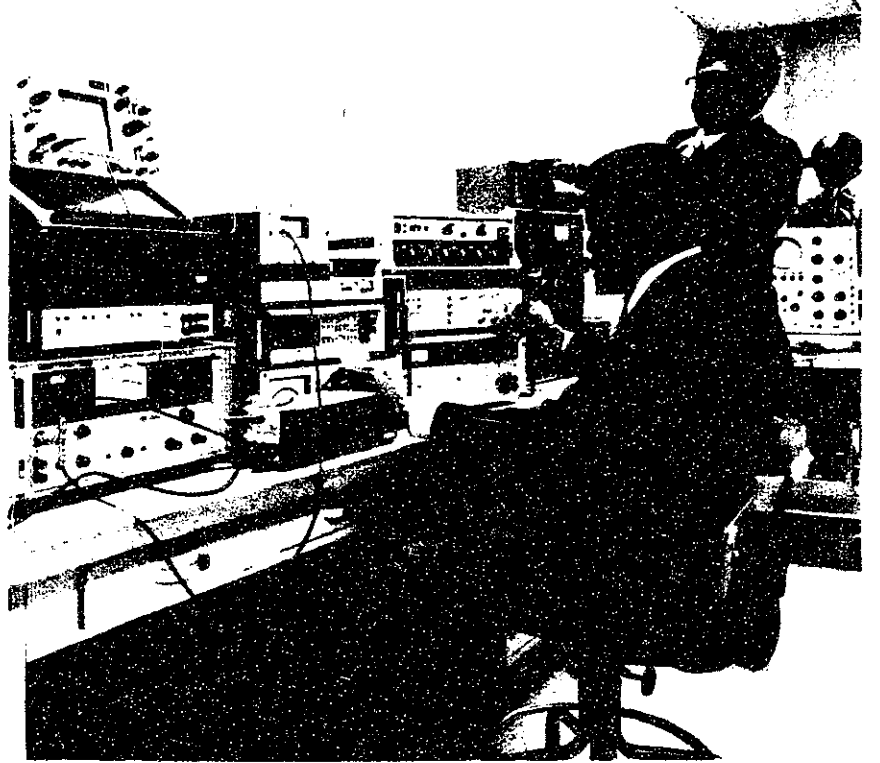
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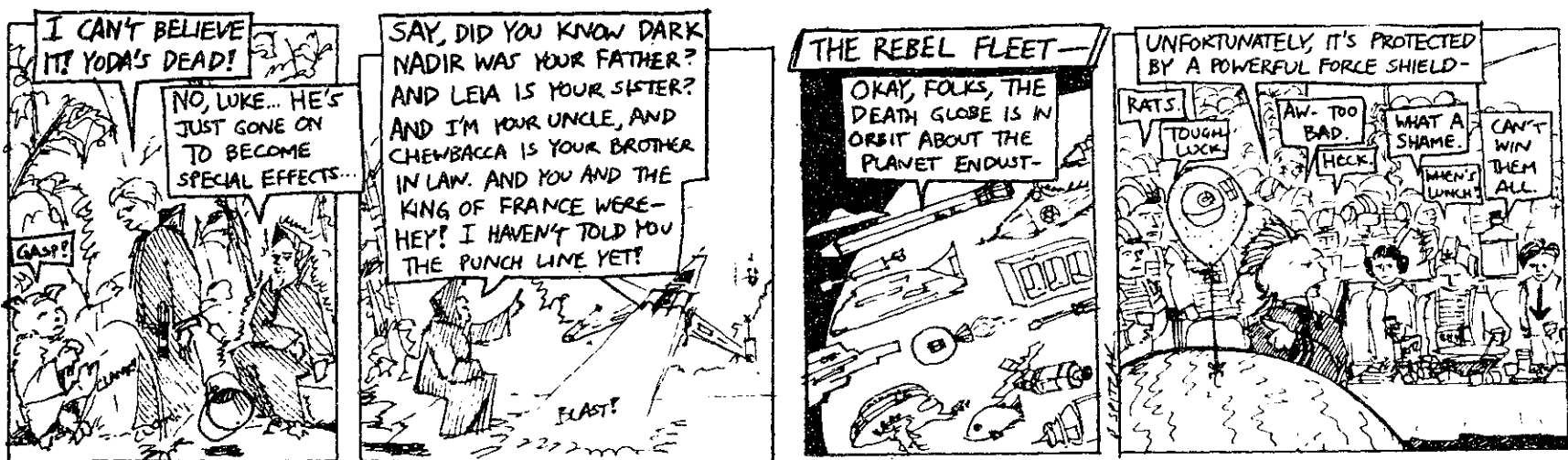


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sports

classified advertising

Orioles' basic skills are effective in five-game victory over Phillies

(Continued from page 17)

of pitchers, ended with a shutout. The series was a disappointment for the Phillies. In their first two home games, they gained leads, only to lose by one run. The aging "Wheeze Kids" still had a fantastic season and won one of the most exciting pennant races ever. Looking to the future, the Phillies have to find replacements for men like Morgan, Pete Rose, and Tony Perez, who ad-

ded so much to this season.

The Orioles showed why they were able to outdistance their opponents in the latter half of the season. Their pitching was superb, yielding but eight earned runs over five games for a series ERA of 1.60.

The series also showed the success of the platoon system installed this season by Altobelli. By keeping all of his players active, Altobelli had a tremendous

reserve group of pinch hitters and fresh players. He outmanaged Owens with careful use of the Orioles' pitchers and pinch hitters, and should be considered, along with Tony LaRussa of the Chicago White Sox, as a candidate for Manager of the Year honors.

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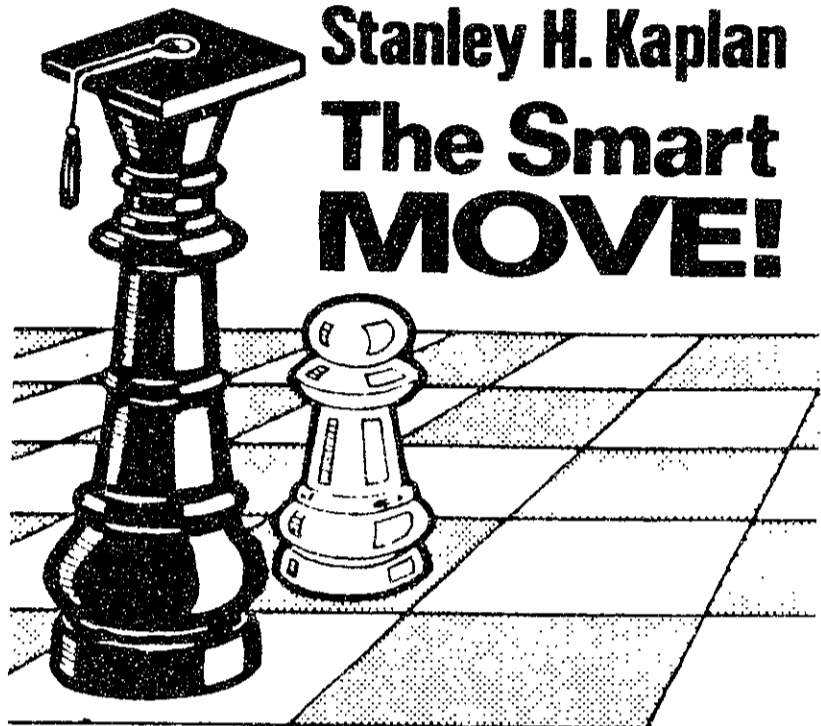
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sports

Column/Michael Battat

Baltimore's shutout ends Series' pitching duel

The Baltimore Orioles won the 1983 World Series Sunday night, defeating the Philadelphia Phillies, 5-0, to take the Series in five games.

This year's version of the annual Fall Classic was billed as a duel of two teams with outstanding pitching staffs. Baltimore was thought to be at a disadvantage because the series was to be played under National League rules which require pitchers to bat.

The Phils took the opener last Tuesday night in Baltimore, defeating the Birds in a pitchers' duel, 2-1. Mistakes made by the men on the mound accounted for all the runs.

John Denny, the winner, gave up a lone homer to Jim Dwyer. Scott McGregor, the loser, gave one to Joe Morgan and another to Garry Maddox. The pitching was excellent on both sides, foreshadowing the style for the remainder of the series.

Game 2, on Wednesday night, featured two rookie righties, Charles Hudson for the Phillies and Mike Boddicker for the Orioles. Boddicker pitched a superb game, allowing only three hits and no earned runs, as the Orioles won, 4-1. Boddicker, 14-4 since the All-Star break, showed why he is considered one of the Orioles's brightest prospects for the future.

Hudson, who had earlier helped Philadelphia win the National League pennant with a victory over the Dodgers, seemed unhittable for the first four innings. The Orioles got to Hudson in the fifth, however, scoring three runs enroute to the win.

The stage changed to Philadelphia on Friday night for Game 3. The starters were veteran left-handed pitchers Steve Carlton of the Phillies and Mike Flanagan of the Orioles. A couple of scratch runs left the Phillies ahead after the fifth, 2-1.

Carlton, who led the majors with 275 strikeouts, seemed very much in control, but the sixth inning proved his undoing. Joe Altobelli, the Orioles' manager, brought in three pinch hitters, who rewarded him by tying the game.

Jim Palmer came on to pitch for Flanagan. He pitched only two innings, left for a pinch hitter in the eighth, and was credited with the victory nonetheless. Palmer struggled with injuries early in the season and was sent to the minors for rehabilitation, returning to the pitching staff as a reliever. It was fitting that Palmer, the winningest active pitcher in baseball, came out of the bullpen to win Game 3.

Game 4, on Saturday, featured the Orioles' Storm Davis, 13-7 during the regular season, against the Phillies' Denny. The Birds

jumped out to a two-run lead in the fourth, but the Phils scored one in the fourth and two in the fifth to move on top 3-2.

Denny barely had time to appreciate the lead. Altobelli brought in four pinch hitters with men on second and third and one out. The first, Joe Nolan, was

walked intentionally. The second was Ken Singleton, normally the Orioles' designated hitter.

Denny pitched too carefully; Singleton walked, bringing in the tying run. Manager Paul Owens pulled Denny for lefthander Willie Hernandez. Altobelli countered with John Shelby, who de-

livered a sacrifice fly for the go-ahead run. The Orioles scored their fifth run in the seventh inning, and Tippy Martinez sewed up the game for the save.

The teams played the fifth and final contest Sunday evening in Philadelphia. McGregor started for the Orioles, Hudson for the

Phillies. Baltimore completely controlled this game, as Eddie Murray hit two homers, series MVP Rick Dempsey contributed a homer and a double, and McGregor blanked Philadelphia on five hits, 5-0. The series, which had been billed as a duel

(Please turn to page 16)

Four minutes do in field hockey team

By Eric R. Fleming

The last two minutes of the first half and the first two minutes of the second half proved to be MIT's undoing, as the field hockey team dropped a 2-0 decision to visiting WPI Saturday morning.

Worcester took the play to MIT early in the first half, but did not score. The visiting Engineers always seemed to be a step or two quicker to the ball than MIT, and frequently took control

of their hosts' free hits. The home team, however, shook off its early-game doldrums, and began to take the action back midway through the half.

Best among the Tech chances in this stretch was a backhand shot by Karen Renaud '84, but WPI's defense, led by some daring but flawless work in goal, was equal to the task and managed to keep MIT off the scoreboard.

The last ten minutes were highlighted by numerous up-and-down sequences; MIT would get two or three opportunities, only to have WPI counter with several of its own. Finally, WPI broke the ice with just 1:29 remaining in the first half, scoring on a shot following a short corner.

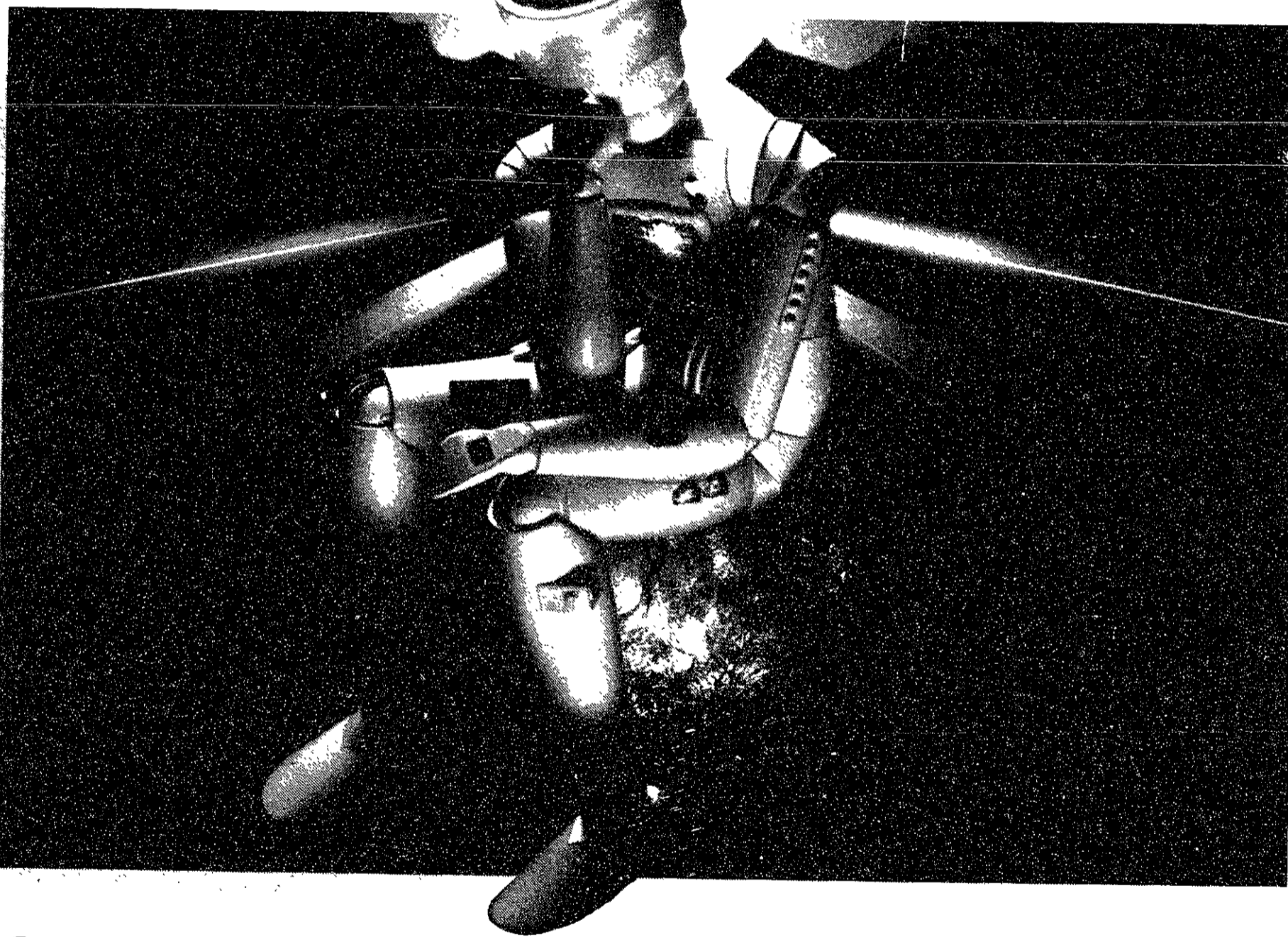
Facing a 1-0 halftime deficit, MIT needed to get off to a good start in the second half. Unfortunately, it went the other way around. Fifty seconds into the

half, Worcester Tech took a two-goal lead on a nice passing play.

MIT finally got its game together at about the 25-minute mark, but the Worcester goalie kept the ball from getting past her, primarily by ranging far out of the goal to take shots away or to cut down shooting angles.

Now 4-5-1, MIT closes the season with four games on the road, beginning today with Tufts, followed by Endicott, Barrington, and Wellesley.

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We are also looking at parallel processing, a method that divides problems into parts and attacks them simultaneously, rather than sequentially, the way

the human brain might.

While extending technology and application of computer systems is important, the real excitement and the challenge of knowledge engineering is its conception. At the heart of all expert systems are master engineers and technicians, preserving their knowledge and experience, questioning their logic and dissecting their dreams. As one young employee said, "At GE, we're not just shaping machines and technology. We're shaping opportunity."

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sporting notices

Male and female undergraduates interested in competing on the MIT varsity ski team should attend an organizational meeting Wednesday, October 19 at 5:15pm in W31-117.

* * * *

Rosters for IM backgammon teams are due by Monday, October 24. For more information, contact the intramural office or backgammon manager John Lee at dl 6156.

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sports

sports update

Crew — Two MIT teams won their races at the Head of the Merrimack last weekend. The boat with Jeanne Simon '86, Nancy Kirwan '86, Martha Ray G, Laura MacGinitie '80, and coxswain Linda Mar '85 captured the women's open four.

The men's lightweight team, made up of coxswain Dick Willis '85, Frank Slaughter '84, Derek Leck '84, Creag Trautman '84, Kim Marvin '85 (a member of the US team), Alberto Gomez '85 (a member of the Venezuelan team at the Pan-Am Games), Ray McDowell '85, Nesbitt Haggood '85, and Steve Bradley '85 won the Senior Eight race.

Cross Country — Mike Lyons '85 set a course record (26:53), and teammate Bill Mallet '86 finished right behind him in second place, as the men's cross country team won the Community College of Rhode Island over six other schools Saturday.

The women's team, meanwhile, placed second in a four-way meet at Franklin Park, finishing behind Simmons and ahead of Re-

gis and Emmanuel. Ruth Hefferman '85 led the way for the Engineers, finishing fifth with a time of 20:35 over the 5-kilometer course. Rhonda Wilson '86 was sixth, and Karen Neder '86 was eighth.

Sailing — Wheaton's Barbara Shea was struck by her own boom and knocked semi-conscious into the water Saturday at the Lynn Marchiando Trophy. MIT's Nancy Valentine '84 was the crew of a nearby boat, and jumped in to rescue the stricken sailor. Shea was taken to Mount Auburn Hospital, where she was diagnosed as having a slight concussion. Shea was able to return to the competition on Sunday. MIT ended up finishing fifth of seven in the event.

Soccer — The women's soccer club scored a 5-2 victory over the visiting Portland (Maine) Trappers Sunday afternoon. The win was MIT's first of the season. Jeri Ikeda paced the hosts with two goals — one on an assist from Jill Scharold G, and one on a rebound from a goal kick. Also

scoring were Biz Williamson '86 (unassisted), Lisa Jablonski on a Scharold assist, and Jetta Van Hemert off of an assist from Grace Saccardo '86. Coach Paul Coulter remarked after the game that his team has been steadily improving all season, building up to Sunday's victory.

The team will be at Brandeis Friday, and will return home next Wednesday for a 7pm game against Endicott College.

Tennis — The women's tennis

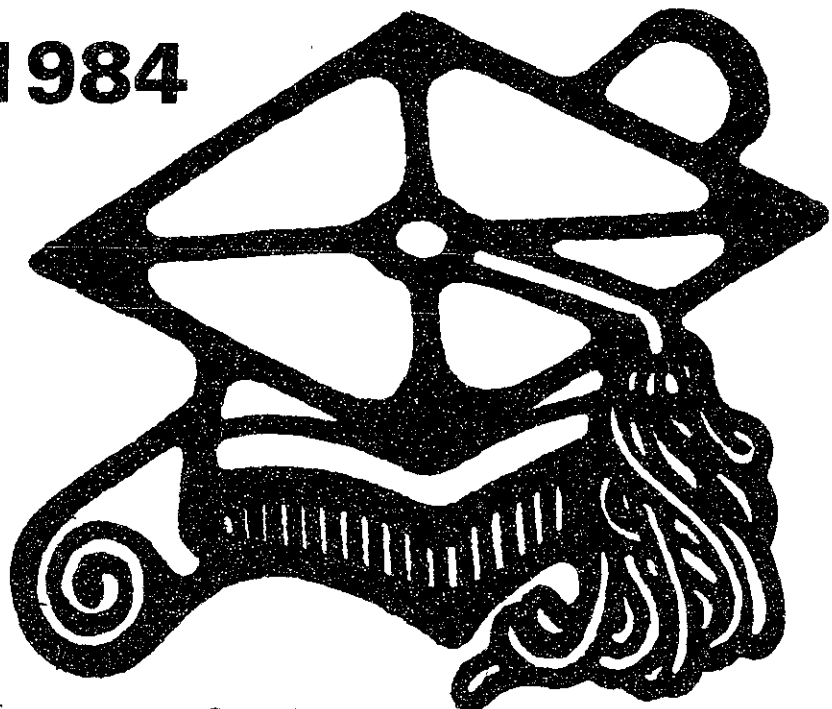
team came up with one of its best showings ever, finishing third of seven in the MAIAW Class "B" Championships at Brandeis last weekend. Lisa Shields '85 and Francine Gurney '86 were the two MIT singles players to advance to the finals, and the teams of Gurney and Jennifer Hyman '87 and Heather Pickford '86 and Kay Lin '87 also advanced.

Water Polo — The water polo team defeated George Washington University 9-2 and lost 11-3

to Bucknell at the Eastern Association Championships at Navy last weekend.

Volleyball — The women's volleyball team took all six matches and 12 of 13 games in winning the Springfield Invitational Tournament Saturday. The Engineers defeated Hartford, Vermont, Smith, Lowell, Springfield, and Albany State enroute to the victory. The team is now 23-0 and the top-ranked Division III school in the East.

Commencement 1984



The Commencement Committee invites recommendations for speakers and/or topic areas from all members of the MIT Community for a Commencement speaker at MIT's Commencement on Monday 4 June 1984. The Commencement speaker should be one who will be able to address topics of relevance to MIT. Written nominations and topic areas may be dropped off at the following locations:

The Undergraduate Association Office — Room W20-401
The Graduate Student Council Office — Room 50-222
The Information Center — Room 7-121

Deadline for nominations and suggestions is 2 November. In addition, suggestions may be filed with any member of the speaker subcommittee of the Commencement Committee. They are: John G. Kassakian, Chairman; Donald R.F. Harleman, Ex-officio and Chairman of the Commencement Committee; Richard A. Cowan, Senior Class President; William J. Hecht, Executive Vice President of the MIT Alumni Association; David W. Jensen, President of the Graduate Student Council; Walter L. Milne, Assistant to the Chairman of the Corporation and Assistant to the President; and Mary L. Morrissey, Director of the Information Center. The speaker subcommittee will review all suggestions and make a short list for submission to President Gray. The list will not be made public nor will it be rank ordered. The responsibility and authority for selecting a Commencement speaker and issuing an invitation will rest with President Gray.

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The departments and living groups listed above do not have adequate representation on the Graduate Student Council. If you are interested in representing your fellow students on the Council please contact Anne St. Onge, ext. 3-2195 afternoons between 1:30 and 5:00 p.m. The GSC also has openings on the Academic Policy & Projects Committee, the Activities Committee and the Graduate magazine. The GSC has monthly meetings and deals with all issues and problems associated with graduate life and education. Do yourself and your department a favor and become involved.

Also, the next GSC meeting is Thursday, October 20, 1983 at 5:30 in the GSC lounge (Walker, 50-222). Come see what's happening!

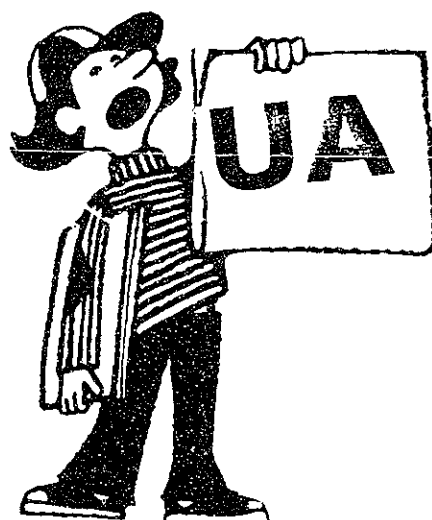
UA News

Guess What's Coming for Halloween?

Beauty may only be skin deep, but ugly goes straight to the bone. This year's **UMOC** competition will be held from October 27 through November 4 (just in time for Halloween!). If you, or your friends, think that you might be the Ugliest Man/Woman/Thing on Campus, and would like to help raise money for charity, call the APO office at x3-3788 and leave a message for Paul Chernoch.

Give Blood, Play Rugby

Anyone interested in learning to play rugby football is invited to stop by the men's practices today or Thursday at 5pm on the rugby fields (the far fields near Westgate). Women also welcome.



General Assembly Meeting

The second GA meeting of the fall term will be held this Thursday at 7:30pm in 4-163. We will elect a new Floor Leader and representatives to the GA ExecComm. We will discuss the current UA constitution and proposals for a new one (copies of the constitution are available in W20-401), and we'll also be choosing a few issues for the GA to take on over the next few weeks.

Last chance, Bucko!

Rune 8, last spring's edition of the MIT magazine of arts and letters, is still available. **Rune** will be on sale in Lobby 10, from 10am to 3pm, now through Friday, October 21. For information, call Katie Schwarz at 5-6368 or Milan Singh at 5-9630.

sports

Football club tramples Assumption, 35-24

By Martin Dickau

A school-record 392 yards rushing — 122 by quarterback Dave Broecker G — powered the football club to a 35-24 homecoming victory over the Assumption Greyhounds Saturday afternoon. The win was MIT's third in a row and marked the first time the Engineers have beaten their rivals from Worcester.

MIT set the offensive tone for the game early, taking the opening kick-off at its 28 and relentlessly marching 45 yards downfield. Facing fourth down and four yards to go from the Assumption 27, the Engineers elected to try for the first down instead of punting. Fred Allen '84 (95 yards in 10 carries) got the call and ran wide for a gain of nine, keeping the drive alive.

Two plays later halfback Jim Bittman '85 became the first of five different Engineers to score, carrying the ball in from the Greyhound seven. Tom Hastings G put the kick through the uprights, and MIT led, 7-0.

The visitors, meanwhile, managed but 17 yards on their first series, and MIT took over on its own 35. Allen and Broecker provided most of the offensive firepower for the ensuing drive — Allen with a 22-yard run, Broecker with a 13-yard run, and Broecker with a 24-yard pass to Allen.

The Engineers needed only seven plays in all to move the ball to the Assumption one, where Allen took the hand-off from Broecker and crashed through the line to score. Hastings' kick was good, and MIT led 14-0 with three and a half minutes left in the first quarter.

Assumption managed to cut into MIT's lead two minutes into the second quarter on what has hurt the Engineers all season: the "big" play. Greyhound running back Tom Westerberg was given the ball on his own 34-yard line and broke through the middle of the field to go the whole 66 yards for a touchdown. MIT came up with a "big" play of its own on the extra point try when linebacker Jon Opalski '84 blocked the kick.

The Engineers wasted no time in quashing the potential rally. Just four minutes after the Assumption tally, halfback Chris Adams '87 (64 yards in 11 carries) capped a 74-yard drive with a 31-yard touchdown run up the right side of the field. Hastings converted his third extra point, and MIT led 21-6.

The game settled into a pattern of the two teams trading touchdowns. Assumption scored again late in the second quarter, but the try for the two-point conversion was thwarted when Mike Thompson G tackled quarterback Bob Wilson before he could get rid of the ball.

Thompson, who had seven tackles — three for losses, also contributed to the Engineers' third-quarter touchdown when he sacked quarterback Jim Vail on Assumption's drive opening the second half. The visitors found themselves facing fourth and 17

from their own 15, and were forced to kick. The 10-yard punt by John Fahey gave MIT the ball on the Greyhound 25, and Broecker covered the entire distance himself with a nice cut to the inside on the next play. Again Hastings made his kick good for a 28-12 lead.

Assumption tallied early in the fourth quarter, but Opalski again made a fine play, intercepting the

Engineers, 35-24

MIT	14	7	7	7	—	35
Assumption	0	12	0	12	—	24

MIT—Bittman 7 run (Hastings kick)
 MIT—Allen 1 run (Hastings kick)
 Assumption—Westerberg 66 run (kick blocked)
 MIT—Adams 31 run (Hastings kick)
 Assumption—Vail 17 run (pass failed)
 MIT—Broecker 24 run (Hastings kick)
 Assumption—Guertin 4 run (pass failed)
 MIT—Peakes 2 run (Hastings kick)
 Assumption—Conrad 10 pass from Vail (run failed)
 Attendance—250

	MIT	Assumption
First downs	21	11
Rushes-yards	52-392	30-125
Passing yards	65	211
Return yards	19	19
Passes	13-5-1	18-13-0
Punts	2-96	5-138
Fumbles-lost	0-0	0-0
Penalties-yards	5-35	2-20

Individual Leaders

Rushing	MIT, Broecker 11-122	Allen 10-95
Assumption	Westerberg 6-59	
Passing	Assumption, Vail 15-11-0-141	MIT, Broecker 13-5-1-65
Receiving	Assumption, Westerberg 4-61	MIT, Bittman 3-29

conversion pass from Wilson. to hold the visitors to six points.

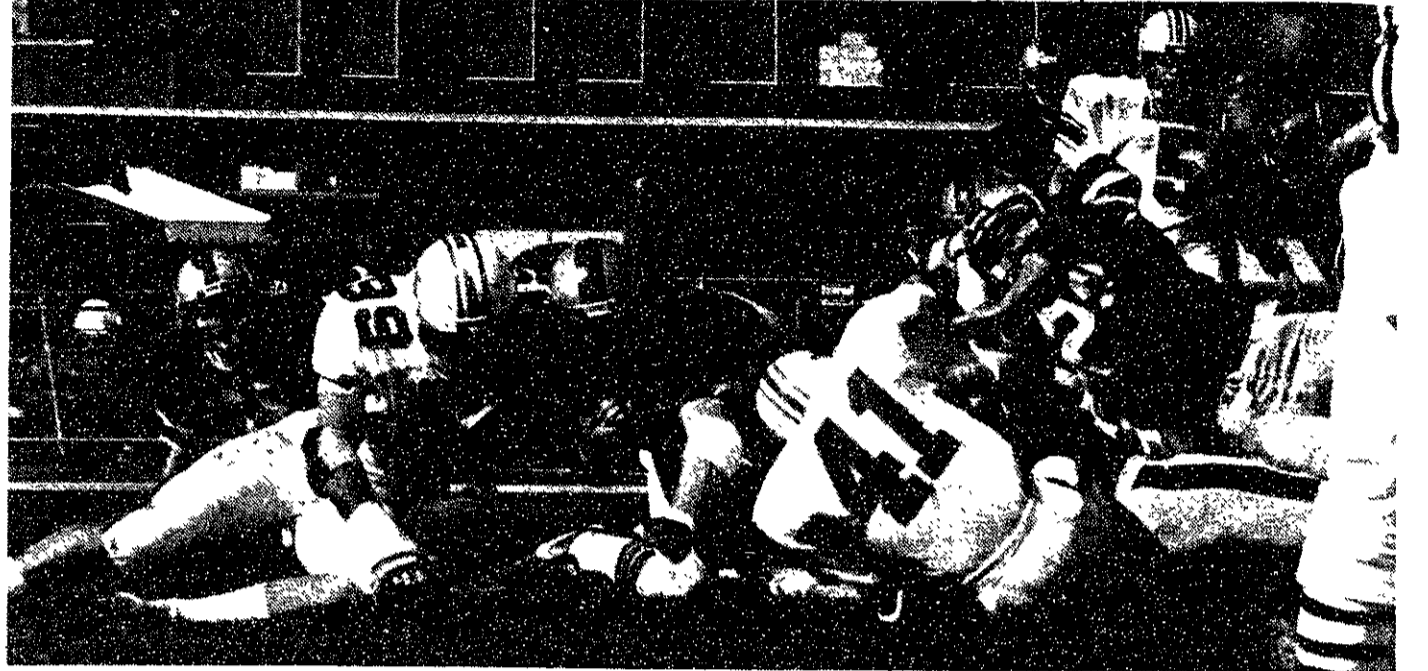
Broecker's 78-yard run to the Assumption 1-foot line set up the final MIT touchdown. Broecker bulled loose at his own 21 and raced toward the opposite end of the field, only to be brought down just shy of the goal by defensive back Ken Harrison. Dave

Peakes '84 was called upon after a one-yard loss, and chalked up the final tally.

Assumption scored one more time with two minutes left in the game, but the try for an on-side kick failed. A minute later Dan Curran '85 (51 yards in 6 carries) had a 45-yard touchdown run called back by a penalty. Even

without the additional points, MIT had its third straight win, 35-24.

The Engineers will be on the road this weekend, taking on perennial power Worcester State at 1pm Saturday. The club will return the following weekend to host league-leading Bentley College at 2pm.



Chris Adams '87 is at the bottom of the pile, but over the goal line, scoring MIT's second touchdown against Assumption Saturday. Tech photo by Steven H. Wheatman

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Erratum

The MIT men's cross country team has not qualified for the national championships, as a headline incorrectly stated [Oct. 14]. The qualifying meet will be held at Franklin Park next month.