Dr. Struve delivered the fifth of his series of lectures on modern astronomy to the 1,100 who attended Thursday night in Kresge Auditorium. The audience was seated close to the National Radio Astronomy Observatory, which Dr. Struve described, and discussed some of its present applications.

Astronomy Still Open

In his opening remarks, Dr. Struve noted that astronomy is still an open field, for very little is known of stellar processes. He stated that he himself thinks of himself as an "explorer" in the many available fields of astronomical research.

Dr. Struve completed his series of lectures last evening when he spoke on "Man and the Universe." This afternoon, at 3 P.M. in Kresge, Dr. Struve will participate in a seminar on the subject of "Cosmological Theories."

Housemaster Plans Rejected by Schools; Loyalty Oath Cited

Harvard, Yale, and fourteen other universities have rejected federal student loan funds made possible by the National Defense Education Act. Their reason for turning back the money is their objection to the requirement of a loyalty oath affidavit by the recipient of the loan.

The objectionable passage is an oath stating that "(the student) does not believe in, and is not a member of, and does not support any organization that believes in, or teaches the overthrow of the United States Government by force or violence or by any illegal or unconstitutional methods."

President Nathan H. Pusey of Harvard has called this requirement "unpatriotic" and "discreditable." President A. W. Goode of Yale declared that "it is contrary to the classic principles of our college and university.

MIT has thus far taken no money on the loan fund, since the Institute's own funds are adequate to meet all needs. President G. Coolidge, executive assistant to the President, noted that an entire week has passed since the word has never entered. The decision has been made on what would happen if the funds were to be accepted. . We haven't faced the issue, so we haven't even decided to take a stand. . For this we are sorry but we will not.

The latest Edward Lull Cochran

Federal Loan Funds Rejected by Schools; Loyalty Oath Cited

In his study with radio telescopes, the structure is much better understood since its construction of an 1800 foot instrument had already begun. The observatory hopes to erect a 1,000 foot radio telescope at Green Bank, W. Va., later this year. The National Academy of Science, in its annual report, commented on the potentialities of the project. It expressed the belief that the construction of the instrument is "of considerable scientific importance." The observatory is "interested in its possible applications in many fields of astronomical research." The project is a result of the many available fields of astrophysical research.

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The latest Edward Lull Cochran
Guts and the Oaf

Presidents Pusey of Harvard and Griswold of Yale have got guts. By repudiating the loyalty rider of the National Defense Education Act, and by rejecting the funds which the act provided, they have paid a bitter price to maintain the integrity of the academic world and the freedom of basic inquiry which the act's proponents are appropria
ted to help defend. The sad fact, however, is that these conflicts between security-minded intruders of the private domain and those who seek to maintain an atmosphere in which ideas are being exchanged as a competition of ideas than tests of strength. Pusey and Griswold are important and influential; they can afford to stand against the bill, who would have refused the money if they hadn't. How many students would have ac
tended the rider as a fact of life and gone back to the books? How many of these students might have formed an educated and enlightened society? In any event, Mr. Kepes' interpreta
tion of the visual world is coherent, and the work is executed with a balance of color in their composition. The use of textures and techniques is interesting and colorfully different. As Mr. Kepes fails to re
terpret or to show his subject in different lights and so deepen the perception, he achieves a total effect which, musically, would be similar to that produced by hearing Arthur Rubinstein playing a selection of Paganini twenty-five years ago. In his repetition with a new and different variety. Viewing a group of his paintings takes away the high initial interest instilled by viewing one.

les femmes cherchez

As a public service, women, we're going to clue you as to when they're having trouble getting dates. Simone, Willies, Lee, and Raddoff were contacted and were eager to supply information and elaborate on the facts just as they are thinking of dating. The exclusive survey of the girls really jumped at the chance to retaliate against what has been said about them. The girls really appreciated courteous and considerate dates. Since theMITTED it must arise from the fact that the exhibit, as a whole, is basically devoid of art. Mr. Kepes Mr. Kepes' theme is catholic and interested in showing his subject in different lights and so deepen the perception, he achieves a total effect which, musically, would be similar to that produced by hearing Arthur Rubinstein playing a selection of Paganini twenty-five years ago. In his repetition with a new and different variety. Viewing a group of his paintings takes away the high initial interest instilled by viewing one.

The one painting that revived my failing interest is entitled "Garden" and it is interesting to note that relative to the entire exhibit it is simply the most different. Mr. Kepes' interpretation of the visual world is coherent, and the work is executed with a balance of color in their composition. The use of textures and techniques is interesting and colorfully different. As Mr. Kepes fails to re
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get off your pad, dad...

The Tech

Serpent Restived

To the Editor:

About the job of the impossible egoiste of Edward J. Dudaewicz, '65, we must wish to request that WBTS em
delves...
East Campus Votes To Keep Constitution; No Ouster Planned

The East Campus reform movement is dead. The last effort to change the makeup of the House Committee failed last Wednesday night. The motion to amend the Constitution to remove the votes of all non-directly elected mem-
bers failed as was predicted in The Tech two weeks ago. In a meeting attended by about one half the parlia-
mentary machinery including a avec to construct Robert's Rules of Order, the last possibility of outing Terry Welch, '60, as House President was disposed. Passage of the amend-
ment would have been widely regarded as a slap at Welch, plus a majority of the members affected are his close contem-
poraries.

It now appears that there will be no further attempts at changing the EC government this term. It is quite like-
ly, however, that the elections in March will see a contest between poss-
tially supporters of Welch, and those of Bill Rain, '61, leader of the dissenting group.

LITON is Soloist in Symphony Concert

The MIT Symphony Orchestra, un-
der the direction of John Orbeli, will present its first concert of the season tomorrow evening at 8:30, in Kresge Auditorium.

The program will include the la Grand Ludiis Overture by Rossini, the Lieutenant Kije' Suite by Prokofiev, and Georg Gehrtz's Concerts in F. Lurry Litton, '60, will be piano soloist with the orchestra.

Admission to the concert is free, and the entire MIT community is cordially invited to attend this outstanding event.

Tickets for Tom Lehrer Still Available

Tickets for next Monday's Tom Lehrer concert are still available between 10:45 A.M. and 4:30 P.M. at the Boston University College Bookstore.

The concert is at 8:00 P.M. in Kresge Auditorium, Cambridge 39, or by calling UN 4-8632. If any tickets still remain on the night of the performance they will be sold at the door.

Music at MIT, From Tom Lehrer to the Messiah

"Messiah" in Original, Uncut Version

The original version of Handel's "Messiah" will be pre-
seated by the MIT Choral Society and Symphony Orchestra on December 5 and 6 in Kresge Auditorium. Directed by
equality Lippman, the 1,500-man choral group will sing from the "urtext," that is the text of the source originally com-
posed, and various sacred words and omitting widely used orchestrations by Franz and Mozart.

Soloists for the performances will be Joyce MacAdoo, soprano; Ruth Sullivan, alto; Donald Solomon, tenor, and David Ashbon, bass. Mr. Ashton is professor of business administration at Boston University.

The "urtext" of "The Messiah" was compiled by a German musicologist, Arnold Schoering, and published only two years ago from parts discovered in a London foundling hospital in 1956. The music dates back to the second performance of the oratorio in 1742, and shows orchestration by oboes and bassoons not previously known to have been included in the score.

The Saturday performance will be at 8:30 P.M., and the Sunday one at 3 P.M. Tickets at $1.20 and $3.00 will be available at the MIT Music Office, Room 14N-236, Extension 9520.

Tickets are now on sale for the 1960 GRIFF Guest Artists Series, consisting of musical programs by Anna Russell, the Don Consort Chorus and Dancers, and Gerald Moore. On February 3, the well-known pianist and accompanist, Gerald Moore, will give a special lecture on the art of accom-
panying. The London Times called Mr. Moore's simili-
ary program at the Edinburgh Festival "as intellectually fann-
y as it was artistically profound."

On April 7 the Don Consorts will give a program of traditional Russian song and dance.

On May 13 Anna Russell will present some of the mus-
al lumps that have been the Boston radio series with all the "famous woman in the world."

Each performance will be held at Kresge Auditorium, MIT, at 8:30 P.M. Priced at $7.00 for the series, re-
served-seat tickets may be obtained by writing to the MIT Choral Society, Kresge Auditorium, Cambridge 39, or by calling UN 4-6900, Extension 2902.

Organ Recital Given in Chapel Sunday

The Sunday afternoon organ recita-

The program is as follows:

Parriott, Flute; Pecor, Clavichord; Wood

Keep up the good work, or any-

"I bid her then . . ."
WILDCRJAM CREAM-OIL
KEEPS GROOMED LARGER!
MAKES HAIR FEEL STRONGER!

"Surface" Hair Tonics
"Surface" hair tonics merely coat your hair. When they do, all your hair dies out. But the exclusive Wildroot Cream-Oil formula penetrates your hair. Keep hair groomed longer—makes hair look stronger than hair gowned an ordinary way. There's no other hair tonic formula like it.

MAKE HAIR DRY ALL DAY WITH WILDCRJAM CREAM-OIL!

UNLIKE A WOMAN

there's no "maintenance cost" with a Merchant's THRIFTICHECK account

You know what they say about the fairer sex—"It's not fair to her."
Here's the Thrifticheck Service with no monthly maintenance charge...just $3.00 for 24 checks (get a math major to figure out unit cost for you). So unlike a woman—so practical for the student financier. (Your name is imprinted on each checks.)

You receive a complete statement, showing all entries, each

Kool KROSSWORD
No. 8

ACROSS
1. Big breath
2. 31. Double-hull boat
3. 29. Gew's
4. 30. Pitts' fore-
5. 31. Not a pro
6. 32. Numbers'
7. 33. It's either__
8. 34. Pony-tail
9. 35. Baby beds
10. 36. Kool, from the
11. 37. Shaw's___
12. 38. Cheer from the
13. 39. Feel seepy?
14. 40. Describing
15. 41. Not a bit odd
16. 42. Color or fatally?
17. 43. Feel seepy?
18. 44. Unbalanced
19. 45. Type of green
20. 46. Subject of
21. 47. It's either__
22. 48. Expression
23. 49. Type of green
24. 50. It's

DOWN
1. Atomic or
2. Exclamatory
3. Small boys'
4. Nut
5. Odd-balls are
6. Texas' money
7. Current
8. Nut
9. Monroe-like
10. Monroe-like
11. Area of defense
12. Honor guard
13. Fail without
14. Sundry assort-
15. Color or fatally?
16. Honor guard
17. Not a woman
18. Nut
19. Odd-balls are
20. Rutgers' routine
21. Honor guard
22. Kool is
23. "Iz so?"
24. "Good morning"
25. "Iz so?"
26. "Good morning"
27. "Good morning"
28. Humor's black
29. Swedish
30. Pitts' fore-
31. Not a pro
32. Numbers'
33. Numbers'
34. Pony-tail
35. Baby beds
36. Kool, from the
37. Shaw's___
38. Cheer from the
39. Feel seepy?
40. Describing
41. Not a bit odd
42. Color or fatally?
43. Feel seepy?
44. Unbalanced
45. Type of green
46. Subject of
47. It's either__
48. Expression
49. Type of green
50. It's

When your throat tells you it's time for a change, you need a real change...

YOU NEED THE
Menthol Magic
of Kool
QUEEN. First chance you get, really treat her royally. Celebrate your date with Budweiser, the King of Beers!
**All-Georgetown Swimming Competition**

**At Alumni Pool This Saturday Night**

The Wednesday water ballet is pictured preceding one of their precision formations that will be used in their Saturday performances at the Alumni Pool.

Tomorrow evening at 8:00 P.M., members of the MIT community will enjoy a fine competition to prove to all that their class will win the high score. Last year's rulers, the class of '62, will try to withstand the onslaught of the powerful class of '63. While a strong core of graduate students, alumnus, and staff along with the juniors and seniors assure a very colorful meet.

**NCAA Diving Champion, Buttermann, To Perform**

For a different kind of color, the show will also include a demonstration of water polo, where the MIT Snails will battle the Tech Dolphins; two separate and distinct water ballet performances by two separate and distinct aquamaids, and diving as done by Charles Buttermann, NCAA and A.A.U. Diving champ. It is still not too late to enter — entry blanks must be in by 6:00 P.M. this evening, at the booth in Building 1. Trials are at 1:00, and finals at 3:30 P.M. Remember, your class needs YOU. Why not bring a date and sit in the stands. It won't cost anything.

**200 Yard Breaststroke Title**

Dave Cahlander and Bill Bails, '62, will lead a large group in the diving competition; Tom Byng, '61, and Tim Font, '63, will tackle Evan Williams in the 200-yard backstroke. Evan was winner in the New England Swimming Championships last year, while a senior at Williams College, Burress Font, '63, will defend his title in the 300-yard breaststroke, and John Wonus, '60, this year's varsity swimming team captain, will attempt to subdue all comers as he defends his title in the 80 and 100.

Note to competitors: in order for the trials to be run as smoothly as possible, please check in at 12:45 or before at the letter's desk near the lower end of the pool.

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**Soccermen Have Winning Season**

In the beginning of the soccer season, Captain Fouad Malouf, '60, foretold a winning season with MIT fielding a strong squad of boxers. Co-captain Buttermann also felt that the team had great potential for the coming season.

In the game with Army, MIT displayed a rugged defense and a tough offense sparked by Manny Penna, '60, who scored the only goal of the fray. Holding Army to the same number of goals left a 1-1 tie. Dick Berghmann, '62, and Curt Olhoffswez, '62, appeared to be outstanding during this game and continued to be so during the rest of the season.

In the next game, with Trinity, the soccermen suffered a crushing defeat, 5-1, with Penna again doing the scoring.

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**IM Tackle Football League Considered**

A movement is currently underfoot to investigate the possibility of playing Intramural Tackle Football. This game is currently played at Harvard and has proved quite successful at that school.

The leaders of this movement have presented their views to both the Intramural Council and the Athletic Association. Both groups are currently considering the proposal.

Students opinion on the matter will be quite helpful and will be greatly appreciated. As further details of the plans are revealed they will be made public through The Tech. Anyone desiring to comment may do so by sending a letter to:

Sport Editor
THE TECH
Walker Memorial Building

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**Rackets Restring**

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Tennis & Squash Shop
2A-4, 4-8362
Brookline, Cambridge
Free delivery anywher -in MIT.
HURRY, HURRY, HURRY ... SIG EP CIRCUS PARTY

A circus atmosphere will take over Sigma Phi Epsilon Fraternity tomorrow night as the house holds its annual Circus Party. The party, to begin at 8 P.M. at 818 Beacon Street, is open to anyone with their date.

The lower half of the house will be decorated to simulate a circus Big Top. A searchlight on the front lawn will illuminate the event, and a Barker will be stationed on the lawn; the Barker will be Larry Wallaga, '61.

Inside the house, there will be cages with a "mock-up" menagerie and sawdust on the floor. The walls will be draped to look like the inside of a tent. Magnifying glasses in every room which has been decorated by the "Brown Bag Band", and liquid refreshments will be abundantly provided. Although couples are recommended to come in special costumes, many partygoers will dress for the event.

No formal sidehoes have been planned since most of the couples are expected to provide their own entertainment. But one of the members of Sig Ep has promised to "back around" in a gorilla suit, and several MIT Administration members, including Dean Fassett have promised to drop in and add to the festivities.

Housemaker System to Expand, says Dean Fassett

Continued from page 2)

ment of the house, avoiding the necessity of an Institute appropriation. The plan of student-faculty contact was begun in 1951. When faculty couples began living in Baker House, Prior. To that point, the faculty couple had been staying in Baker House for a few weeks at a time. In 1954, this plan was extended to the Faculty Houses.

In September of 1958, the Housemaker Plan was begun in Boston with Professor Bartlett and his wife, two assistant professors, and six tutors. This fall, Dr. Goodrowch was made Housemaker of Baker House.

WOLFGANG ASMODEUS GANZEMACHER IS COMING SOON

On Monday, November 20, the Lecture Series Committee presents an illustrated lecture by Dr. Balsundaram, a native of Madras, India, who is at present visiting fellow at the MIT Center for International Studies. Dr. Balsundaram, who will illustrate the results of his recent studies at the MIT Center for International Studies, will present the results of his recent studies conducted by Indian nationals in the American University of Rome.

Dr. Balsundaram has been spending a year in this institution his major goal has been to promote understanding between the people of the United States and India. His lectures will explore the culture of India, the way in which the different people of India live, the nature of the rural Community Development Program, and the results of the application of this program — "the silent revolution in rural India".

Dr. Balsundaram has traveled throughout every part of India. A large number of color slides taken by Dr. Balsundaram will be a major feature of the lecture, which will be held in the Savage Little Theater at 4:00 PM.

P.M. Balsundaram

To Speak on India

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