One of the world's most accurate diffraction gratings, a five-by-ten-inch flat mirror with nearly 70,000 parallel grooves cut into its surface, was used during a popular science lecture at MIT on Sunday, Dec. 11. The spectroscope will help scientists study chemical compounds.

Dr. Richard C. Larson, director of the MIT Spectroscopy Laboratory, spoke on "The Spectroscope and Its Revelations" at 4 p.m. in the Compton Lecture Hall in the year's first public lecture in an annual series. He showed how spectroscopes, which break up visible and invisible light into its many component colors, have helped scientists study such remote things as the atmospheres of the planets and such near and tiny things as the atoms in a molecule of water.

Spectroscopes, Dr. Lord stated, show the chemical composition of many chemical compounds with high accuracy, and they can be used to determine the symmetrical positions of individual atoms — facts not to be seen by even the most powerful microscopes — in molecules.

Infrared spectroscopy can show the vibrations of atoms which occur when they have certain symmetrical arrangement within molecules. Indeed, Dr. Lord says, the patterns of vibration are so interesting to the eye that data from a spectroscopic chart is used to direct a battle shot at many of the mode of vibration of atoms in a molecule of benzene.

Wadleigh, Osha
On 'Open Line'

This Monday evening at 8 p.m. on WTTB the Public Relations Committee of the Institute will present Dean of Students Kenneth Wadleigh as guest on "Incomin G Line." On hand also will be Frank Oakes, Undergraduate Associate President. The main topic of discussion will be the operation of the Dean's Office and the responsibility of students in student government. To be investigated is the division of responsibility between the students and the administration in regard to student affairs and govern-

The telephone lines to the WTTB studio will be open as usual, providing an opportunity to call in questions or to express points of view while the program is in progress. Information on Open Line is essentially a forum for the exchange of views and opinions.

MIT Students Meet
Tonight To Discuss
Rational Disarmament

At 3 p.m. today the MIT Student Organization for a Rational Approach to Disarmament and Peace will meet in Room 3-570. MADP was organized in cooperation with the efforts of individual students who have become concerned about the deadly progression of the arms race and who are seeking positive alternatives.

"Career" Is Available
To Seniors and Grad

Alpha Phi Omega will again distribute "Career: For the College Man" in the lobby of Building 10 on Wednesday and Thursday, Dec. 13 and 14. The books will be available at no cost to seniors and graduate students.

T-Club, '62 Dance
Follows Basketball

Immediately after the TIT-MIT basketball game this Saturday, Dec. 16 there will be a dance in Baker Dining Hall. The Victory Dance will be sponsored jointly by the Senior Class and the T-Club. Music will be by a live band. Tickets are being sold throughout this week on the lower floor of Building 10. The price is $1 a couple. Tickets available are limited by the size of the dining hall.

Immediately before the game in the drinking societies of the sophomore, junior and senior classes, meet at 418th, Alpha Epsilon house. SAE is at 481 Beacon St.

New Study Rooms
Ready In Bldg. 2

Due to the increased demand for study space in the libraries, the Student Committee on Edu-

cation has arranged that a few rooms be made available for study during the period beginning Monday, December 11, and extending through Thursday, December 14. The following rooms will be available:

2-132, 5-12 p.m. every day except Saturday.
2-131, 6-2 p.m. every day except Tuesday and Saturday.
2-133, 6-10 p.m. every day except Wednesday and Saturday.

Plenipotentiary Seeks
Improved Relations

(Continued from Page 1)

At the end of his visit to Moscow, Menshikov had survived several purges to become Minister of Foreign Trade. His career then took an abrupt shift in 1944, as he became Ambassador to India. "All of Mr. Menshikov's activities in India were devoted to the development and strengthening of friendly relations between the USSR and India," reported a recent press release. After cementing the "friendly relations" and establishing the Red Chinese arms buildup near Tibet, Mr. Menshikov finally came home to the United States (1959) to "improve relations between the two great countries whose peoples have so much in common."

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