

"I walked across the old Harvard Bridge and saw the new buildings of MIT looming white and stark across the Charles."

"Strat" of the Class of '23.



## A NEW COMMENCEMENT

The third issue of Tech Talk--back in March 1957--featured a profile of Dr. Julius Adams Stratton as Chancellor of the Institute. It was the first of some sixty times he has appeared in these pages. Later that year he was appointed Acting President, and in January 1959 he became MIT's eleventh president. When, at the end of this month, he retires, more than 45 years will have elapsed since he arrived as an undergraduate.

At Dr. Stratton's inauguration in June 1959, Professor William P. Allis (Physics) pointed out that both Dr. Stratton and MIT arrived here via water--Dr. Stratton as a radio operator aboard a boat from the West Coast, and MIT on a barge from its Boston Tech home across the river. In fact, MIT was still getting settled in Cambridge when young Julius Stratton arrived.

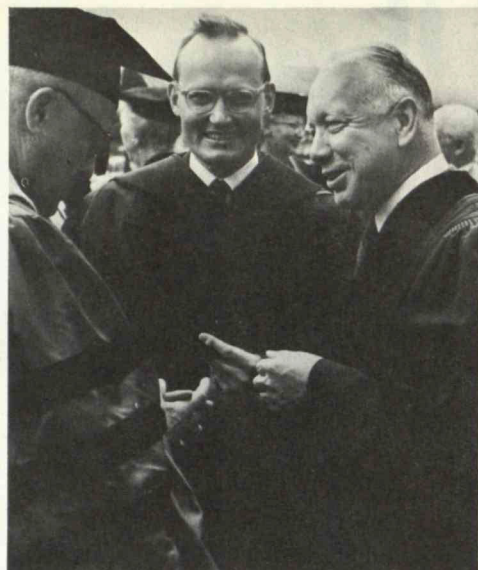
In 1923 Dr. Samuel Wesley Stratton (no relation) became MIT's eighth president and Julius A. Stratton received the S.B. degree in electrical engineering. Members of the Class of '23 wore no beards or moustaches and were likely to part their hair in the middle. They belonged to such organizations as the Mandolin Club or the British Empire Club and told jokes about prohibition, Rudolph Valentino and Boston traffic problems. Electrical Engineering was--and still is--the most popular course; one promising young member of its faculty was Dr. Vannevar Bush.

The MIT of 1923 was a raw young thing. Buildings 7 and 6 were yet to be built and the few trees in the Great Court were saplings. Besides the main complex the campus consisted of Walker Memorial and Senior House. Though Ashdown House existed, it was still the Riverview Court Hotel. The annual budget for 1923 was slightly over \$2 million. Ninety per cent of the 3,100 students were undergraduates, some coming from such places as Abyssinia and Serbia.



Prof. Allis recalled, "You and I rode dugout canoes down a jungle river where the woods were full of stinging ants, and bees, and gorgeous butterflies."

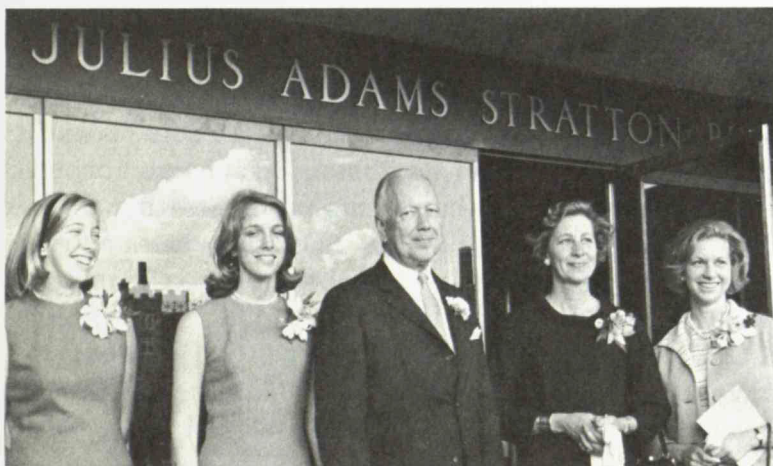
In 1959 McGeorge Bundy was dean at Harvard when Dr. Stratton received an honorary LL.D. as a "humane, perceptive man of science, a good neighbor and helpful friend." McGeorge Bundy, as president of the Ford Foundation, will soon be joined by Dr. Stratton in New York.



Last fall Dr. Stratton said, "Again and again... I came to the point of... shaking off the ties to this campus and going out to explore new lands. But each time some strange, compelling force... drew me back and held me here."

As he stayed on, the MIT we know today began to take shape. Not only did Buildings 6 and 7 rise, but structures were acquired or built to fill the numbering system well into the 50's. Shrubbery and trees have grown to soften the austere facade. The academic budget for the last fiscal year was more than \$35 million. The student body has doubled and graduate students make up nearly half of it. Abyssinia and Serbia, now countries of the past, have been replaced by Malaysia and Ghana.

After graduating, Dr. Stratton studied for a year in Europe, then returned to the Institute where he received the S.M. in 1925. He was a research associate in communications for two years during which his interest in the scientific principles behind electrical engineering increased. In 1926 he again went abroad to study at the Eidgenossische Technische Hochschule in Zurich. His thesis, written in good German, was completed in 1927, and he was awarded the Doctor of Science degree in mathematical physics.



At the dedication of the Stratton Building, (L to R), Laura, Ann, Dr. Stratton, Mrs. Stratton and Catherine Stratton. "What you have done for me this afternoon is the high and culminating point of all my years at MIT. Nothing that has happened before and nothing that can ever happen to me in the future can carry quite the meaning of just this moment."

Dr. Stratton stayed on in Europe the following year on a traveling fellowship from MIT, studying at the Universities of Munich and Leipzig. In 1928 he returned to the Institute to become assistant professor of Electrical Engineering where he taught theory of electricity and magnetism and wrote "Electromagnetic Theory," which became the most widely read book in the field.

There was time for relaxation in those years, too. Together with Prof. Allis, he made a trip down the Yukon in a rowboat and another by donkey and canoe in Ecuador where they made friends with some head-hunting Indians. A still later trip took them overland from Geneva to Istanbul, this time with their brides.



At a retirement dinner, the faculty gave Dr. Stratton a Questar telescope, which, Prof. Allis said, "You can also use for bird-watching in Vermont or for girl-watching in New York."

Dr. Stratton joined the Department of Physics in 1931 and became a full professor ten years later. When the Radiation Laboratory was formed to develop radar during the war, Dr. Stratton was one of the first members of its staff. A request from the Secretary of War took him to Washington in 1942, where he remained as an expert consultant for the duration of the war. His work there was rewarded by presentation of the Medal for Merit from the Secretary of War.

Once more Dr. Stratton returned to MIT. In 1946 the Research Laboratory of Electronics was formed to continue the basic research begun by the

Radiation Laboratory. It was the first of the large interdisciplinary laboratories which have become so important to the Institute's progress, and Dr. Stratton was its first director.

Since then Dr. Stratton has been increasingly involved with administrative matters, as vice president, provost, chancellor, acting president and finally, president. His main concern in all of these positions has been MIT's role as an educational institution. In his inaugural address he said, "Everything we do, whether for the advancement of knowledge or in the interest of public service should be viewed in the larger context of our teaching mission."

Dr. Stratton can review with satisfaction the accomplishments of his administration. Not only have buildings grown, but also the educational program. A new curriculum, embarked upon by last year's freshmen, encourages intellectual initiative. Four new departments have evolved in the School of Humanities and Social Science to broaden the influence of science and engineering on human affairs. Student activities in the community at large attest to an awareness of the need for contributing to the public good. The arts have burgeoned to the extent that they now suffer limitations of time and space.

But Dr. Stratton has always thought of the Institute as people. Appropriately, it will especially be as a person that the Institute will miss him. Receptions and parties have had a large part of the Stratton calendar, as various groups have extended warm wishes for a happy retirement. His retirement does not mean a complete withdrawal from MIT. Though he will be busy in New York as Chairman of the Board of the Ford Foundation, he will have an office at the Institute and be back here regularly.

Dr. James R. Killian, Jr., quoted from "Pilgrim's Progress" at the inauguration, "My sword I give to him that shall succeed me... My marks and scars I carry with me." We hope the marks and scars Dr. Stratton has acquired are few.



At the reception last week in Kresge are (L to R): Mrs. Stratton, Dr. Stratton, Nick Carter, Fred Broderick and Mrs. Claire Edwardson. Fred Broderick denied the doubts Dr. Stratton had as a student, "No, Dr. Stratton," he said, "It was no mistake for you to stay at MIT."

**FOR SALE, ETC.**

Wedding gown, fl length, silk chiffon w/access, 7, 8, or 9. EL 4-7296.  
 Bassinet on wheels w/rockers, shelf for diapers, exc cond, \$15. Call 923-9642.  
 PACO ST-25 multiplex FM tuner kit, unbuil, list \$70, now \$29.95. Pressman, ext 4031.  
 GE 21" console TV, \$35; 10'x15' rug w/pad, \$30; chrome K set, \$15; Carrier air cond, 14,000 BTU, \$150. Call 868-0082 evgs.  
 Reel lawn mower, exc cond, \$20. Norman Polner, Bedford ext 253.  
 Piano, \$50; wash mach, Hoover port, exc cond, \$80; 9'x9' umbrella tent, like new, \$20. Call 354-2452.  
 High perf pts, mag wheels, new, big discount on all. Ext 7809 Linc.  
 Amer Optical binocular microscope, 1957 gray mod w/substage lamp, 4 objective lenses, mag scan-970x, \$350 or best offer. Lurie, EL 4-7025.  
 Reel type lawn mower, self propelled, \$45. MI 6-7765.  
 Lg steel desk, swivel ch, \$50. Bill Sadler, ext 5993.  
 Couch, TV, gd cond, roller skates, best offer. Also Free kittens. Harry, ext 6289.  
 GE 11.8 cu ft refrig, \$80; port TV, \$40; wash mach, \$25; pole lamp, slat bench, Dan sofa & 2 ch, \$100; '61 VW sedan, \$750, must sell, best offer. Call 648-8289 evgs.  
 Folk guitar w/case, \$30. Ext 6804 or 547-0005.  
 Free kittens. Ext 4165 or 643-1813.  
 Free: lg 2-bowl enam sink w/faucets; also 4-brnr gas range w/oven & broiler, \$15. Dick, ext 6820 or 653-8189 evgs.  
 GE refrig, exc cond, custom dk wd fin, 6 cu ft, \$45 or best offer. Call 491-0947.  
 Latex matt w/box spr, used 2 mos, cost \$119, now asking \$70. Fisher, ext 5571.  
 Wollensak \$250 4-trk stereo recrd, new, PT price, \$190, sell \$139. Donovan, ext 4067.  
 Berzelius centennial gold medal, mint cond, suitable presentation, \$25. Ext 4142.  
 Maternity swim suit, worn once, best offer; car bed, br new; Indian saris. Call 924-3707.  
 Wooden piano, like new, \$12. Ext 6869 or 864-1651.  
 Shasta 16' travel trailer, hitch & br control, asking \$950; '59 Olds dyn 88, 4-dr sedan, make offer. Ext 2439 or 762-5241 evgs.  
 Free Kittens, 2 mo old, weaned & trained. Sherrie, ext 6410.  
 Vespa, '61, gd shape. Ext 3485.  
 Comet 16' sailboat, #2555, main, jib, trailer & mooring anchors. Slattery, ext 7478 Linc.  
 Retina 1B 35mm camera, German, f2.8 1/500 sec shutter w/lt mtr & case, \$40; Royal ofc mod typwr, exc cond, \$40. Edwards, 491-1310, Westgate.  
 Roper gas on gas stove, 36", gd cond, best offer. Mary, ext 206 ESI.  
 Reflector telescope, 4" w/3 lenses, finder, tripod, \$40; rare 8-str banjo-mandolin w/hard case, must sacrifice, \$50; sm Monitor refrig, \$45. Mike, 876-0214.  
 Sealpt Siamese kittens, 12 wks old, \$25. T. Bell, ext 1465 or 491-8814.  
 Chrome K set, \$20. DU 7-0552 after 4 p.m.  
 Golf clubs, 2 wds, 5 irons, bag \$25; 2.5 90x15 tires, gd cond, \$15. Ken, ext 4115.  
 Bogen hi-fi comps, used very little; Packard Bell TV w/std; no reas offer refused.  
 Ellen Henning, KE 6-4330 evgs.  
 Gas range, 42", gd cond, \$20. Tom, ext 4125.  
 Honda, '65, CB-160, 1400 mi, perf shape. Lazar, ext 2956 or KI 7-3233.  
 Free fluffy kittens. Ext 2281.  
 Dbl maple bed w/box spr & matt; sofa & match ch; other furn, avail July. Mrs. Edwardson, ext 4669.  
 Honda \$65; 850 mi, still under warranty, perf cond, \$250. Gorenstein, ext 3205.  
 Collins KWM-1 SSB R16 w/12 VDC & 115 VAC pwr supplies & mobile mtg rack, asking \$500. Other equipment, all offers considered. Call 734-8382.  
 Brunswick black beauty bowling ball, br new, undrilled, \$12. David, ext 5364.  
 Lambretta, '63, 175, spare wheel w/tire, batt, shock, disc brakes, \$175. Mary, ext 7422 Linc.  
 BMW '59 single cyl cycle, exc cond, asking \$325. Call 944-2581 evgs.  
 Guitar amp, 2 chan, 3 in-puts, 15w, slightly used, \$50. Laraine, 868-8080.  
 Aquarium equip; car compass; GE trans R; Webocon tape recdr; Philco batt & elec R, lthr case; '64 Ford wgn, V-8, auto, snow tires, 13K, exc cond. Call 322-2404 evgs.  
 Used up piano, best reas offer. D. Swain, 491-2716.  
 Velocipede tricycle, lg size, like new, \$10. Call 862-0178.  
 Radar set parts, graphite block, elec apparatus of all sorts, Dewars, rocketry supplies, very reas. Terry Aldon, ext 3270.  
 Scott FM stereo tuner L7110B; amp LK48B, \$225. Stahle, ext 286 Linc.  
 Upr piano, refrig; wanted: used Harpsichord, used Childlife equip. Call 862-8229.  
 Conn piccolo flauto, silver plate, exc cond, \$155 new, \$75 or best offer. Robin Oder, ext 5578 or 646-8216.  
 Free kittens: 2 yellow fluffy, 2 dark tabby. Ext 5129 or 491-7869.  
 Duncan-Fyfe style mahog veneer DR tbl, 2 leaves, 2 capt ch, 4 str ch, blue satin uphol, credenza, \$90. TR 6-9174 after 8 p.m.  
 Garrard All stereo amp, 2 1/2" coax spkrs in tuned encs, \$170. Call 734-8734 evgs.  
 Heath Apache transmtr, 180w cw, 150w phone, exc cond, \$110; wanted inexp car R for VW. Bob Filene, ext 1468 or 491-0015 evgs.  
 Household furn: sofa & LR furn; bed w/matt & spr; wardrobes, rug. Call 491-4635.  
 Williamsburg des 4 pc pewter coffee & tea set, new, \$225. Call 354-1369.  
 Stereo 10w amp, \$25, phono-tape preamp, \$8, 2-way wal spkrs, \$25 ea, both \$45; 27" TV, works well, \$45. Call 868-3370.  
 Sofa, \$40; Lambretta, \$130; chest, \$10; lg wd ofc desk, \$15. Maurer, ext 5873.  
 Simmons sofa bed, reas; Kenmore wash mach, \$125, 16 mos old. Call 734-8591.  
 Gas stove w/htr, window oven & griddle, \$50; baby carriage, \$10; child's pedal car, \$3; 16" tricycle. E. Mangen, ext 2393 or 472-3523.  
 Hardman duo elec player piano, 1 yr old, 10 yr guarantee, sacrifice \$750. Call 776-5939 evgs.  
 Eng racing bicycle, used, \$15. Rosen, 864-0824.  
 Honda, '65, 160cc, 4K, extra chrome, just tuned up, exc cond, \$450. Ext 2775 or FA 3-3085. Also '61 Pontiac Tempest, gd cond, best offer. LY 3-5113 evgs.  
 Ivers & Pond upr piano, fairly new, \$300 appraisal, reas offer; 18' cabin cruiser, sleeps 2, controls for outbd, will deliver, \$295. Call Pat, 944-2138 evgs.  
 '35 Olds, antique, gd cond, interested collector, \$200. Ext. 3428.  
 '55 VW, gd student car, \$200 or best offer. Bob, 536-2760 evgs.  
 '55 Austin Healey, new paint, new top, very gd motor, OD, ww, \$250. J. Kimball, ext 2920 or 491-0656.  
 '57 Chevy, std, runs well, \$150. RE 4-4714.  
 '57 VW sunfr, R&H, exc cond, German spec, \$400, will haggle. Betsy Rosen, ext 5105.  
 '58 Ford Fairlane, auto, 8 cyl Thrbd eng, gd cond, best offer. Elaine, ext 2751.  
 '60 Falcon 4-dr, 6 cyl, needs work, \$100. Call 776-9747.  
 '60 Ford Zephyr, Eng, 6 cyl, OHV, std, 4-dr sedan, \$100. Dick Solomon, ext 6297.  
 '60 Buick Electra 2-dr hrdtp, all access, exc cond, sky blue. UN 4-6095 evgs.  
 '60 Singer wh convert, gd cond, \$200. Ext 630 Linc or 275-8194 evgs.  
 '61 Corvaire, fly equip, gd cond, leaving, must sell. EL 4-5548 evgs.  
 '61 Dodge Lancer compact. Al Teich, ext 6613 or 783-0674 evgs.  
 '61 Corvaire, R&H, hrdtp, auto, very gd cond, extra snow tires, must sell before leaving, \$650. Joseph Taillet, ext 2530 or 862-6939.

'61 Austin Healey Sprite, 65K, \$300. Lee Gillard, ext 3494.  
 '62 Falcon wgn, std, 6 cyl, belts, R, exc cond, \$595. Bruce, ext 7478 Linc.  
 '62 Chevy 4-dr, 6 cyl, R&H, auto, exc cond; GE 15" port TV, exc cond, \$45; camping equip: 2 lugs, tent for 2, air matts, Coleman stove & lantern. Sukanari, ext 5921.  
 '63 Mercury Comet convert, R&H, auto, vinyl top, ww's, snow tires, best offer. Ext 238 Linc or 648-0428 evgs.  
 '63 Chevy Bel-Aire sedan, exc cond, V-8, \$1175 or best offer. UN 4-9067.  
 '63 Chevy Impala super sport, buckets, fl shift, p st, R&H, extras, exc cond, \$1600 or best offer. Jean, ext 2261 or 868-4881 evgs.  
 '64 VW sedan, R&H, ww's, very gd cond, \$1125. Call 484-6039.  
 '64 Corvaire Spyder, 150hp, 2-dr coupe, red w/bl int. Ext 841 Haystack.  
 '64 VW sedan, can guarantee exc cond, red, \$1150 or best offer. Ext 1523 or 233-7291.  
 '65 VW 1500S variant, 11K, red, \$1850. Wilson, ext 2237 or 876-6326.  
 '65 GTO convert, tri-pwr, 4-spd, pwr metallic br, best offer. Call 592-5996 evgs.  
 '65 Mustang convert, 6 cyl std. Call 864-6736 evgs.  
 '65 Ford Fairlane 500 sprts coupe, 6 cyl, auto fl trans, buckets, 7K, silver blue, \$1795. DA 2-6874.  
 '65 Chevelle super sprt, V-8, 2-dr hrdtp, 4-spd fl shift, p st, R&H, ww's, fac guarantee, 6,400 mi, exc cond, \$2400. Ext 2752 or 484-3522 evgs.  
 '66 Impala super sprt, positrac, 4-spd, best offer. Joseph Curtis, ext 5203.  
 Bcn St nr Mass Ave, 2-rm first fl apt w/K, tile B, sublet 'til Aug 31 w/opt, \$95/mo unfurn. Ext 2291 or 646-0267 evgs.  
 Brighton, 2 BR, lg LR, mod K, 2 yr old bldg, air cond, block from MBTA. Elaine, Ext 5647.  
 Brighton, Comm Ave, sum sublet w/opt, BR, LR, K&B, pking, avail June 15. Call 782-1643 evgs.  
 Camb house, sum sublet, beaut garden, very low rent. Gyorgy Kepes, EL 4-3934.  
 Harv Sq, lux effc in new air cond bldg, fl mod K&Dinette, unfurn, sublet w/opt. Ext 1106 or 868-5466 evgs.  
 Harv Sq, nr, lg 2 BR apt. Call 868-1970.  
 Country house, 38 mi from Camb, nr Pepperell, free July in exch for taking care of pets, 4 BR. P. Bron, ext 4771.  
 Milford, new 3 BR ranch, fl bsmt, ceramic tile B&K, 45 min from Boston. Ext 5831 or 473-4999 evgs, Milford.  
 Newton sublet, 10 rms, 4 BR, lg yd, garden, gar, pleas neighborhood, close to Storrow & Mass Pike. Call 969-5699, 6-8 p.m.  
 Park Dr, 2 1/2 rm furn apt, exc cond, sublet June 13 w/opt. \$335 duration. Dave or Elaine, ext 6491 or 262-2627.  
 Stoneham, furn house, 4 BR, LR, DR, Den, K, avail June 15 for sum, nr Rts 128 & 93, \$225/mo incl util. \$10 less for caring for 2 cats. Call 665-5404 evgs.  
 Sublet 2 lg BR, mod K&B, lg LR-DR, air cond, conv loc, \$145/mo. Mrs. Lowe, ext 489 Linc.  
 Twin BR, semi-priv B, study w/2 desks, sep ent, gdn, pking, no maid ser, no cooking, reliable perm occupants, ref req, \$25/wk. Call 277-7206.  
 Belmont, 4 BR, mod K, study, trees, lg lot, acad neighborhood, mid \$30's. Gorden, ext 6625 or 484-8691.  
 Lex, std 7-rm cape w/fin bsmt, 4 BR, DR, fpLR, gar, screen porch, flagstone patio, wooded lot, \$22,500. VO 2-8496 evgs.  
 Manomet, new Cape, 2 spac BR, expan attic, LR, lg elec K, ceramic tile B, fl bsmt, oil ht, minutes to ocean, \$12,900. Call 484-6904.  
 Reverse, brick colonial, 3 BR, ceramic tile all elec K, 2 ceramic tile B, lg LR, laun, htd gar, nr Beachmont MBTA, sch, beach, asking \$23,500. Ext. 5461 or 289-3111.  
 W. Concord, 7-rm split level on 1/2 acre, 3 BR, panel playrm, panel fpLR, 1 1/2B, fp bsmt, gar under, by owner, \$24,700. Call 369-9539.  
 Winch, charm 2 BR house nr hospital, perf cond, fpLR, sunporch, DR, 1 1/2B, gar under, patio, handsome premielmd gdn, fence. Ext 5502 Linc or PA 9-4559 wkends.  
 Bass River, cape cottage, walk to beach, 3 BR, avail June, July, Sept, \$120/wk. Vahlberg, ext 5011 or 655-3036.  
 Chatham, Cape Cod, 3 BR, lg yd, \$135/wk. Glenn, ext 5603.  
 Gloucester-Wingaersheek area, mod cottage, 4 BR, 5 min walk to beach, \$600/Aug. Stevens, ext 3209 or 489-0035.  
 Martha's Vineyard, new cape, 5 min walk to beach or town, sleeps 4, July or Aug, \$125/wk, comp furn, incl washer & dryer. Call 254-1214.  
 Swedish west coast, 5-rm apt, July. Liva Herz, 868-6781.  
 Vermont, northern, furn house, chw, fl bath, in mtns, gd trout fishing, wk, mo or season. FA 3-2444.  
 White Mtn foothills, lg lakefront cottage, fly furn, gd fishing, swimming, hiking, beaut view. Call 868-8168.  
 Windham, N.H., waterfront cottage, sleeps 6, Cobbetts Pond, June, July & Aug, \$85/wk or \$320/mo. Don Leslie, ext 3451.  
 Winnepesaukee, 2 BR cottage, sleeps 6, all mod conv, sandy beach. Call 862-6058 evgs.  
 Wanted: 3 BR apt or house Sept 1. D. Van Dalen, ext 3664 or 484-3783.  
 Wanted: car to rent for summer or to drive to any destination, June-Aug. Anita Reetz, ext 5618.  
 Wanted: typing, theses, reports, books, etc, reas rates. Ext 2624.  
 Wanted: 4 BR house or apt in Camb, Sept 1-Dec 31 for visiting prof. Can exch house w/pool in Pasadena. Ext 3382.  
 Wanted: typing. Mrs. Turkel, ext 4547.  
 Wanted: arch grad student to design bsmt living & play area. Call 729-1522.  
 Wanted: furn house or apt, Bcn HI or Harv Sq for visiting Dartmouth prof weary of rustication, June 13-Sept 1. Ext 6043.  
 Wanted: fem rmmate for new apt nr Copley Sq, \$50/mo. Anne, 267-1906 after 10 p.m. Also wanted: Jan 1964 issue Rev of Mod Physics. Scotty, ext 3242.  
 Wanted: loving home for 2 1 1/2 yr old spayed cats. Call 862-4511.  
 Wanted: fem rmmate to share w/2 others lg 2 BR lux apt, nr Harv & Cent Sqs, air cond, balc, June-Aug. Call 354-7426.  
 Wanted: babysitting wkdays at my house, some evgs. Annamaria, 868-0180 evgs.  
 Wanted: ride from E. Lynn to MIT or Wonderland MBTA, 9 a.m. Donna, ext 4111.  
 Wanted: mother's helper to care for 2 pre-sch children, live in for sum in Marblehead. Call 631-5220, Marblehead.  
 Wanted: 79 or 17 in 1st Natl bingo, will pay \$200/ea. Also left 500 or right 100 of Flying A checks, will split 50-50. Ken, ext 1541.  
 Wanted: fem rmmate to share apt nr Coolidge Cor, begin June, \$75/mo. Call 566-2056 evgs.  
 Wanted: house to rent in country, nr Rt 128, Westwood to Lincoln, 2 yr minimum from Sept, no children or pets. Call 631-7988 evgs, Marblehead.  
 Wanted: fem rmmate to share new apt in Back Bay w/1 other & tiny poodle, June 1. Judy, ext 1505 or 864-3116.  
 Wanted: 2 fem rmmates for apt nr Cent Sq, \$50/mo. Call 491-6340 evgs.