

the Bulletin Board

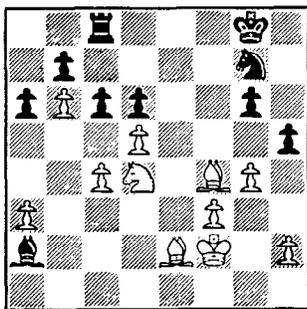
VOLUME 17, NUMBER 26

Published by the BNL Personnel Office

MARCH 24, 1964

CHESS PROBLEM

In this week's problem, the players are at a point where the middle game and the end game begin to merge. It is White's move and win.



PERSONNEL SERVICES

Recreation Office - 3 Center Street
Daily 9:00 a.m. - 1:00 p.m.

METS TICKETS

Opening day is swiftly approaching for the Mets. Have you reserved your seat yet?

DO IT YOURSELF

We have a limited supply of T.V. TROUBLE SHOOTER'S GUIDE books on sale at the Recreation Office. This book covers the television, home radio and car radio and is priced at 50 cents.

DISCOUNT TICKETS

The spring schedule for the Mineola Playhouse has arrived. The schedule is as follows:

March 31 - May 10 "MY FAIR LADY" starring Michael Evans and Margot Moser.

May 12 - June 7 "DEAR ME, THE SKY IS FALLING" starring Gertrude Berg.

June 9 - June 28 "A THOUSAND CLOWNS" starring Van Johnson.

Discount coupons, good through April 9, are now available for "BEYOND THE FRINGE", playing at the John Golden Theatre in New York City.

CIRCUS

Tickets are still available for both the RINGLING BROS. BARNUM & BAILEY CIRCUS, playing at Madison Square Garden, and the CLYDE BEATTY-COLE CIRCUS, playing at the Long Island Arena.

SOFTBALL GLOVES

A limited quantity of gloves are on hand for resale at a 30% discount.

DR. BIGEISEN TO RECEIVE AEC AWARD



Dr. Jacob Bigeleisen

Dr. Jacob Bigeleisen, of the Chemistry Department at BNL, is one of five U.S. scientists to receive the E.O. Lawrence Memorial Award for 1964 for recent meritorious contributions in the field of atomic energy. Dr. Glenn T. Seaborg, Chairman of the U.S. Atomic Energy Commission, named on March 20 the five scientists who are to receive the award. Each will be presented a medal, a citation and \$5,000 at ceremonies to be held on April 30, at the National Academy of Sciences Building in Washington, D.C.

The award was established by the AEC in 1959 in honor of the late Ernest O. Lawrence, inventor of the cyclotron and Director of the University of California Radiation Laboratory, which bears his name. It is made by the Commission, upon recommendation of its General Advisory Committee and with the approval of the President, to not more than five recipients in any one year. Award presentation is made in the spring to men and women under 46 years of age who are citizens of the United States and who have made recent especially meritorious contributions to the development, use, or control of atomic energy in areas of all sciences related to atomic energy, including medicine and engineering.

(continued on page 3)

CAFETERIA SPECIAL

THURSDAY, MARCH 26

Small Juice
Roast Fresh Ham
Mashed Potatoes
Vegetable
Jello
Beverage
Nuts & Mints
\$.99

UPTON RIFLE-PISTOL CLUB SPRING TOURNAMENT

At the last Club meeting, it was decided that the spring large bore tournament will start on April 5 and run through the following Sundays: April 12, 19, 26; and May 3, 17, 24, 31.

The best four out of seven will be used for a final score.

The distance will 100 yards, four positions. Starting time will be announced at a later date.

Small bore shooters will also participate in the tournament, with trophies for their own division.

For additional information, contact Roy Domish, Ext. 2468, or Al Lucas, Ext. 7769.

SOFTBALL

Leagues are now being formed. Contact the Recreation Office for complete details.

Arrivals and Departures

WELCOME TO BNL

CENTRAL SHOPS	
Hardie A. Fuller	Ext. 577
MECHANICAL ENGINEERING	
Kurt W. Gedicks	481

RECENT DEPARTURES

DIRECTOR'S OFFICE
Joseph J. Wittman

TELEPHONE CREDIT CARDS

To avoid the nuisance to you and to the Laboratory of those minor BNL telephone bills (as well as the 10¢ per call service charge), you are urged to take advantage of the convenience of a telephone company credit card for personal toll calls made from the Laboratory. A credit card may be readily obtained by calling the business office of your home telephone exchange.

— ANY FISH CAN WIN —

LIST OF FRESH AND SALT WATER FISH



SALT WATER

SPECIES	WT./LBS
Albacore.....	22
Sea Bass.....	8
Striped Bass.....	69
Blackfish.....	21
Bluefish.....	20
Bonito-Common.....	14
Bonito-Oceanic.....	39
Cod.....	58
Dolphin.....	35
Flounder.....	8
Fluke.....	20
Kingfish.....	4
Mackerel.....	6
Mako.....	745
Blue Marlin.....	400
White Marlin.....	133
Pollack.....	40
Porgy.....	5
Swordfish.....	584
Tuna.....	961
Weakfish.....	13



FRESH WATER

Brook Trout.....	6
Brown Trout.....	21
Rainbow Trout.....	21
Lake Trout.....	31
Salmon.....	17
Smallmouth Bass.....	9
Largemouth Bass.....	10
Walleyed Pike.....	15
Northern Pike.....	46
Muskalonge (St. Lawrence).....	70
Muskalonge (Chautaugua).....	51
Pickerel.....	10
Perch (white or yellow).....	4¾



Feel lucky? Want to win a prize? Then go fishing and enter your catch in the 1964 BNL fishing contest. This year as last, besides awards for the largest fish, there will also be a prize for the average fish.

The fishing contest caters to the **AVERAGE FISHERMAN**, with a bi-monthly award for the average fish caught during the two-month period. The average will be arrived at by tabulating all the points for the period and dividing by the number of entries. Anyone who enters a fish has a chance of winning a prize. Of course, there are other prizes, including awards for surf, boat and fresh water fishing.

The rules follow. Please read, cut out the entry blank, enter and win! Extra copies of entry blanks, rules and fish weights are available at the Recreation Office. See George Sabine or this year's committee chairman, John McCafferty, Ext. 482.

1964 BNL FISHING CONTEST RULES

1. Any fresh or salt water fish contained in the BNL 1964 List of Species is eligible for entry.
2. All entries must be caught by rod and reel.
3. All entries must be submitted within one week after the fish is caught.
4. Each entry must be weighed on a scale which is calibrated in ounces. This type of scale is available at any grocery or meat market.
5. Decisions of the contest committee are final.
6. The contest begins April 1, 1964, and ends on November 30, 1964.
7. To compute the point value of a fish, the weight of the fish will be divided by the 1964 BNL Listed Weight for that species, and multiplied by 1,000.
8. **AWARDS**
 - a. One award for the highest entry for every **two month** period starting April 1.
 - b. One award for the average entry for every **two month** period.
 - c. An annual award to the person who achieves the greatest accumulation of points as follows: each person's largest single entry in each species will be totaled toward his accumulation of points. - **Fisherman of the Year.**
 - d. One annual award for each of the following:
 1. Highest saltwater entry caught trolling or bait fishing.
 2. Highest saltwater entry caught casting artificial lure.
 3. Highest freshwater entry.
 - e. Annual awards limited to one per employee.
 - f. Bi-monthly awards limited to two per employee, not both in the same two month period.
9. To be eligible for an **AVERAGE FISH** award, a total of at least three entries is required (**not by the same person**) in each two month period. The same applies to the highest entry if each of the fish entered is under 200 points. Only the largest fish per species, per person, counts toward the **AVERAGE FISH** award.

BERA FISHING CONTEST

1. Species.....
2. Weight..... lbs. oz.
3. Where caught.....
4. Date caught.....
5. Method used.....
6. Type of bait or lure.....
(trolling, bait fishing, casting artificial lure)
7. Location of scale used to weigh fish.....
8. Name..... Dept.
9. I hereby certify that the above mentioned fish was caught by me in a sportsman-like manner and that the scale used for weighing this fish is accurate to the best of my knowledge.

.....
Signature of Employee

.....
Date of Entry

Dr. Bigeleisen (continued)

The citation for Dr. Bigeleisen is as follows:

"For outstanding theoretical contributions and experimental advances in the separation of isotopes".

Dr. Bigeleisen is one of the leading authorities in the field of chemical isotope effects. Beginning with his classic 1947 paper with Maria Goeppert-Mayer on the calculations of equilibrium constants for isotopic exchange reactions, and since joining the Laboratory in 1948, Dr. Bigeleisen has consistently and steadily advanced both theoretical and experimental investigations of the effects of isotopic substitutions on chemical and physical properties.

Born in Paterson, New Jersey, Dr. Bigeleisen received his A.B. and M.S. degrees from New York University and Washington State College, respectively, and was awarded a Ph.D. in Chemistry from the University of California in 1943. He has been at Brookhaven since 1948, and a Senior Chemist here since 1952. During 1962-1963, Dr. Bigeleisen was on leave as a National Science Foundation Senior Postdoctoral Fellow and Visiting Professor at Eidgenossische Technische Hochschule in Zurich, Switzerland.

THE MARLBORO TRIO

THURSDAY, MARCH 26, 1964

8:30 P.M. - BROOKHAVEN CENTER

Children (under 18).....	\$1.50
Adults (family).....	3.00
Guests.....	3.50

**BOWLING LEAGUE STANDINGS
3-18-64**

<u>PLACE</u>	<u>TEAM</u>	<u>WON</u>
ROSE LEAGUE		
1	Medigals	47
2	Nightingales	40
3	Bloopers	34
4	All Fours	32
5	Leftovers	32
6	Bowlerettes	25
GREEN LEAGUE		
1	Fire Department	48
2	Old Timers I	41
3	Old Timers III	38
4	Blackbirds	38
5	Old Timers II	38
6	Electrons	31
7	Gnats	30
8	Reefers	29
9	Rems	15

SCOTCH DOUBLES BOWLING TOURNAMENT

Saturday April 11 3:00 P.M. Port Jeff Bowl

No partner yet? Call our Matchmaker Service: G. Fales, Ext. 2164; L. Baker, Ext. 591.

ENTRY APPLICATION

Submit to Recreation Office

Must be accompanied by \$4.50
non-refundable fee
Partner

Employee

- Names.....
- Average as of March 13, 1964.....
(BNL Bowlers use current BNL average)
(Others use highest current average).....
- League in which average was made.....
- Lanes at which League bowls.....

Entrants are responsible for familiarizing themselves with Tournament Rules

Received at Recreation Office (Date)..... By.....

Assigned Team No. The total number of teams will be.....

FREE ENTRY

The \$4.50 entrance fee will be refunded to the first team whose guess comes closest to but not over the total number of teams (accepted by the Tournament Committee) in the Tournament. Sign up early, only one winner, no two teams may have the same guess. To be eligible submit completed entry blank and entrance fee to the Recreation Office.

SOLUTION TO CHESS

- | | |
|--|---------|
| 1. NxP | 1. PxN |
| 2. P-N7 | 2. R-N1 |
| 3. QPxP | 3. N-K1 |
| 4. P-B5 | 4. P-Q4 |
| 5. B-B4 | 5. BxB |
| 6. PxQP | 6. B-K6 |
| 7. P-Q7 | 7. BxQP |
| 8. Px8, etc., etc. (Note: if Black in step
2. had moved R-Q1 instead of R-N1,
then | |
| 3. BxP | 3. PxQP |
| 4. P-B5 and White wins. | |

1956 CHEVROLET - 4-dr., stand. six. Very good tires and running cond. Clean. \$250. R. Doerr, Ext. 2831 or HR 3-1584.

1952 NASH - Good running cond. R&h, new tires. J. Petropoulos, Ext. 2472 or 2715.

1957 MERCURY - Convertible in good mechanical cond. \$250. Ext. 2684 or AT 6-0691.

1953 BUICK - Convertible. Rebuilt engine, 4 brand new tires, new brakes. \$200. GR 5-3107.

1957 BUICK - Roadmaster 75 conv. Full power, new top; must see to appreciate. R&h, asking \$525. or best offer. Also, 301 Chevy stock car. \$350. or best offer. 281-7665.

1958 CHEVROLET - Wagon. V-8, auto. trans., power steering, clean, good mechanically. Best offer over \$500. AT 9-0371.

1961 DKW - 2 dr. sedan. Yellow. Good cond. throughout. 35 mpg, 2 new tires. Ext. 2243, ask for Ed.

1956 STUDEBAKER - Golden Hawk. One owner, excell. running cond., reasonable. Ext. 2267.

1955 FORD - Excellent motor, 2 new tires, reliable transportation. HR 2-1356 after 6 p.m.

1957 CHEVROLET - Wagon. 4-dr., 6 cyl., power steering, r&h, good cond. \$485. J. Fenton, Ext. 7782.

1961 VOLKSWAGEN - Panel truck. R&h, side windows, low mileage, perfect cond. Ideal for camping. \$750. firm. Ext. 2585.

1956 PONTIAC - Station wagon. 4-dr., 6 pass., V-8, r&h, w/w's, auto. trans., backup lights. Excell. cond., \$395. R. Kerzner, Ext. 2852 or MO 5-8137.

1960 ANGLIA - English Ford. 2-dr. sedan, heater, w/w's, 30 mpg, 38,000 original miles. Excellent cond. \$395. R. Kerzner, Ext. 2852 or MO 5-8137.

CLASSIFIED ADS

FOR SALE

1957 MERCURY - Late model. Power brakes and steering. Excellent motor and body with 4 new tires. Asking \$495. Must sell. AN 5-7492 after 6 p.m.

1957 FORD - Station wagon, V-8 engine, 4 new tires. Asking \$450. Mike, Ext. 2718.

1957 RAMBLER - 4-dr. sedan. Overdrive, good tires, r&h, reclining seats, new seat covers. Motor and body excell. \$400. C. Hedberg, Ext. 2677 or 288-3138.

1938 FORD - Half-ton pickup. Motor excell., body needs some work. Sealed beam lights, good tires. \$100. C. Hedberg, Ext. 2677 or 288-3138.

AUSTIN HEALEY - Sprite Mk. II. Loaded with competition and street options. P. Fallon, Ext. 2718 or SE 2-6746.

1963 AUSTIN HEALEY - Sprite Mk. II. Black/red interior. 9000 miles, 35 mpg, new cond. Ext. 2504 or AT 9-0243.

1956 CHEVROLET - Conv., original owner. 82,000 miles. 4 good tires with less than 3000 miles. Auto. trans., completely overhauled for selling, and r&h. Ext. 605.

HOUSE - N. Brentwood area. Six room ranch, with attached garage. Storms and screens, two patios, gas fired hot water heat. fenced corner lot 96'x100' ¼ mile from L.I. Expressway exit. P. Ettari, 2407 or BR 3-6436.

HOUSE - 2 bedroom Cape Cod. Corner lot. Oil-hot water heat. Dining room, full basement, garage, nice neighborhood. \$11,500. AT 9-0371.

CABIN SLOOP - 16' centerboard type Marauder class. Sleeps two. Roller reefing on main and jib. Extras including British Seagull outboard. \$850. Dave, Ext. 2254.

PEMBROKE - 28' cabin cruiser 1962. Used one season, comp. equip., compass, ship to shore radio & telephone, etc. 185 hp chrysler eng. Orig. cost unequipped \$9,500 will sacrifice. Call S. Pollis, Ext. 2677 or GR 5-0916 after 5:30 p.m.

SPORT CRUISER - 1957 Owens, 19½', 100 hp inboard, 2 bunks, head, original owner. \$1350. Chris, Ext. 2243 or JU 5-8140 after 6 p.m.

SKIFF - 20' Penbo hard top, 50 hp elec. Boat yard maintained. Fully equipped; head, anchor, running lights, etc. In water or out, as you wish. \$1150. C. Hedberg, Ext. 2677 or 288-3138.

SAILBOAT - 21' Mallard sloop. Good day sailing for six, week-ending for two. Needs a week's work. Wiswall, Ext. 2101.

CRUISER - 18' hardtop, with 35 hp Mercury electric starting engine with alternator. 2-bunks, head, life-preserver cushions, etc. Excell. cond. \$1500. Ext. 2586 or 281-5721 after 6 p.m.

RUNABOUT - 14' Barber with 18 hp Johnson. 2 years old. Includes trailer. Ext. 639.

CRUISER - 26' A.N.A. hardtop. 3 years old, mahogany planked and copper fastened. 185 hp interceptor, 85 hrs. Fresh water cooled. S/s bow rail; fiber-glass fish well, compass. Excellent cond. Ext. 339 or JA 2-3263.

DISHWASHER - Whirlpool, used 1 year, like new. Orig. price \$280. - drastic reduction for you. C. Hirsch, or Dr. L. Rahm, Ext. 2847 or AT 6-8453.

FURNITURE - Small maple chest of drawers, \$25- round limed-oak formica finished cocktail table, \$25.; modern orange occasional barrel living room chair. \$35. YA 4-3842.

BICYCLE - Girl's 20". Good cond. \$20. AT 6-0741.

TRAILER WHEELS - Two, complete with bearings and seals. Many miles left on tires. Size 600-6. Buyer gets extra tire free. Highest offer over \$15. GR 5-4199.

PUPPIES - 3 miniature French poodles, 4 wks. old. AKC registered; all silver - 2 females and 1 male. \$110. each. Pat, Ext. 2198.

FURNITURE - Brand new contemporary living room set, beige couch and 2 matching brown and beige chairs. \$275. Also, bookcases, livingroom chairs and tables, and washing machine. Make offer. GR 5-1343.

SPEAKER - University 312, 12" Diffaxial speaker. Never used. \$55. J. Bauernfeind, Ext. 7772.

RUGS - Oriental style, four. 2-9x12, 1-9x14, 1-8x11. 2 Victorian marble top chests. 1 antique drop leaf oak table with 3 leaves. 2 teak wood tables with marble top. HR 2-0509 after 6:00 p.m.

CAMERA - Polaroid Land model 80, complete with flash, leather carrying case, and arm strap. Cost \$110. Will sell for \$50. R. Dietz, Ext. 624.

CAMERA - 3¼x4¼ speed graphic outfit. Kodak Ektar (coated) F.4.7 coupled range finder, Graflex flash gun, 9-cut film holders, 1-film pack adapter, sun shade, yellow filter, 4x5 adjustable cut film tank. Best offer. Ext. 567.

CAMERA - 35mm Minolta A-2, f2.8 lens. \$25. Also, 2 electronic flash units. Mecablitz, and Ultrablitz Expert II, both \$25. A. Zeitlin, Ext. 359.

TRAILER - 1960 Lincoln 17', sleeps 5. Pressure water system, heater, toilet, 2-twenty pound gas bottles and equalizer hitch. Complete and ready to roll. \$1700. Lou, Ext. 2713 or FOrest 8-1085.

TV - 17" Westinghouse portable. Excell cond. \$45. R. Kerzner, Ext. 2852 or MO 5-8137.

REFRIGERATOR - With freezer unit on top. Excell. cond., 11 cu. ft. \$50. YA 4-3761 after 5:15 p.m.

COMPLETE HAM STATION - Heath HX-10 SSB-AM-CW Xmtr (less than year old). GPR-90 receiver, with GSB-1 SSB slicer and speaker, 275 watt matchbox, Bud LF-1 filter, cables, manuals, spares, etc. \$850. P. Warner, Ext. 425 evenings 4-12 p.m., RA 8-0273 days.

BAND SAW - Craftsman three wheel with 12" throat and ½ hp Craftsman motor, \$35. Also, play pen, \$5; blond baby dresser \$10. J. Richter, Ext. 2187 or 281-9476.

MISC. FURNISHINGS - Two roll-away beds, \$10. Sofa sleeps two, has slipcovers, \$15. Child's pedal car, \$6. Heathkit speaker, SS-20, \$15. Ext. 509.

BEDROOM FURNITURE - French period dresser, chest, night table, mirror. Sturdy, needs work. Also, mattress in good cond., box spring in poor cond. Perfect for furnishing summer cottage. AT 6-1236.

HOUSE TRAILER - 1958, 8x35'. Furnished, on wheels. Best offer around \$1500. S. Carde, Ext. 639 or GR 5-0532.

TABLES - Blond wood. 2-end tables, 1 cocktail table. \$5. each. Very good cond. Ext. 360.

PIANO - Shoninger baby grand. H. Frei, Ext. 692 or SH 4-9720.

PUPPIES - Poodles, AKC registered. Toy and miniature, most colors. \$85. AT 9-1585.

MIX MASTER - Sunbeam 3-speeds, 2 bowls included. Hardly used, sacrifice. \$10. John, Ext. 2149.

SCREENS - And storm windows. Individual wood units size 32" x 39½". All new, never used. Reason for selling: installed combo units. Bronze screening, extra heavy glass, Woodlife coated. Reasonable, Ext. 2811.

REFRIGERATOR - Admiral 8 cu. ft., in good cond. \$30. Ext. 464.

VENETIAN BLINDS - White, very good cond., like-new cords and tapes. Brackets and screws included. 5-31" x 45", 1-90" x 45". \$1.50 each. Smitty, Ext. 2806.

HORSE - Has been ridden both English and Western - good for children. AT 6-0394 after 2 p.m.

FUR CAPE - Mink-dyed muskrat. Also, mink-dyed muskrat stole. 325 0667.

CHINA CLOSET - Antique mahogany finish, curved glass door and sides. Good cond. \$10. takes it. Walt, Ext. 2457.

FREEZER - Manitowoc "sub-zero" upright, 18.5 cu. ft. Excell cond. \$160. Refrigerator, Admiral "dual-tem," 11.5 cu.ft. top freezer. Fair cond. \$60. Also, Norge "jet frost" refrigerator, 8.5 cu. ft. Excellent cond. \$85. Clothes dryer, Westinghouse Dizom. Excellent cond. \$90. AT 6-8309.

CARPOOLS

DRIVER - Wanted to join existing carpool from Bayport. Carol, Ext. 694.

RIDE - Needed from Stony Brook and return. Ext. 2409.

RIDE - Needed from Waverly Avenue and Eighth Street or Sunrise Highway, Patchogue. Brigitte, Ext. 695 or 281-8862.

DRIVERS - Needed for 2-man carpool from Port Jefferson. Mrs. Semm, Ext. 2294.

DRIVER - Wanted to join existing carpool from Deer Park area. M. Manni, Ext. 7782.

FOR RENT

HOUSE - Center Moriches, 2-block walk to new shopping center, school, library. Large kitchen, spacious living room, with wall-to-wall carpeting. 3 bedrooms, laundry room. Avail. April 15. Ext. 2349.

APARTMENT - Six rooms with spacious grounds in Wading River. Modern kitchen and bath, fireplace, plenty of closets, bright rooms. Garage and beach rights. 8 miles from Lab. \$140. mo. includes all utilities. J. Nardi, Ext. 2326.

APARTMENT - Furnished. 20 minutes from Lab. GR 5-4388.

WANTED

ROOMMATES - To share summer cottage on Fire Island. Marianne, Ext. 2513.

BABYSITTING - Lab wife desires to keep one or two children during the day. Meals, fenced yard, infant equipment provided. Bellport area. Ext. 2543 or AT 6-9107 anytime.

DUCK BOAT - good condition, reasonable. AT 6-8517 after 5:30 p.m.

FLUTIST - Woodwinds, and strings interested in playing chamber music. J. Elias, Ext. 367.

JUDO ENTHUSIASTS - Experienced or not, interested in training. H. Kasha, Ext. 2948.

FOUND

KEYS - 6 in brown leather case, found on Center Street.

FLASHLIGHT - Green, found in Pool.

GLOVE - Lady's left hand, brown leather, found in 510.

LUNCH BAG - Grey and white with thermos, found in 490.

SWEATER - Lady's black wool, found at dance.

HAT - Man's brown, found at dance.

TIE - found at dance.

Personnel Services, 3 Center Street