ALL'S WELL THAT ENDS WELL
Mastering the End Game
By WALTER KORN, Editor of MCO

AMERICANA (II)—Marvin Palmer
Marvin lives in Detroit, and although his talents have been dormant
lately, he has composed quite a lot of end-game studies. Quite a tale
hangs around this miniature. (Diagram 76)

See solution on page 8.

Looking at this gem recently, I realized that I had seen the idea
elsewhere. True, it was one of Reti's studies, published in 1928,
the only difference being that Reti has the Black rook on Black's
Q3, and an additional White pawn on White's Q3. His solution ran:
1. P-Q4, RxQP; 2. P-K7, R-Q3ch; 3. N7, R-Q1; 4. K-B7, winning as
above, but adding the minor variation 1. . . . . . K-B2; 2. P-Q5, RxQP;
3. P-K7 etc.

(Continued, with solution,
Column 1, Page 8)

Operation M

Colorado Story—The Perfected Plan
From: Fred Cramer, General Membership Chairman
To: Juan J. Reid, Colorado Membership Chairman
Colorado shows a sensational gain, from 15 members a year ago to
53! Drop me a line, telling me how it was done.
From: Juan J. Reid, Colorado Membership Chairman
To: Fred Cramer, General Membership Chairman
The increase in USCF membership in Colorado is due mainly to a
few ideas and the concentrated effort of a few key people. Organiza-
tion of the Colorado State Chess Association last year united our chess
leaders in a common effort to promote the game. The CSCA directors,
Ben Kriehg of Boulder, Al Holmes of Denver, and Warren Barter of
Pueblo, were in agreement that the USCF was the best instrument to
promote chess for the typical club in the outlying provinces as well
as at the national level, and they became the Membership Committee
for OPERATION M. As a result the USCF program was publicized at the
class level, at CSCA meetings, and through the CSCA Newsletter.
The CSCA adopted the requirement of USCF membership for partic-
ipation in the state tournament. The Denver YMCA CC and the 1959 state champion, was an indefatig-
able worker for OPERATION M. Hans Berliner, member of the Martin
Co. CC of Littleton, USCF Master and 1959 Colorado champion, offered
simultaneous exhibitions at $2.00 per board, or free to anyone joining
(Continued on page 2)
THE USCF RATING SYSTEM

A progress report by:
Arpad E. Elo

(Continued from page 1)

USCF. Several clubs have sponsored Hans' exhibitions, and others are due to follow.

Don't count Colorado's OPERATION M as concluded, We have just started.

From: Fred Cramer, General Membership Chairman
To: All State and Local Membership Chairmen

Formula for membership success—that's the Colorado story. It has everything! Notice the leadership, the working together of the leaders, the concentrated efforts of those named, the all-out propaganda campaign, the positive and aggressive approach (Berliner simula). And what a fine thing it has been for chess in Colorado, and for the Chess organization in Colorado. A sweet smooth operation, a model for any state! All hats off to Juan Reid and crew!

THE USCF RATING SYSTEM

An introduction to: the official Berkeley Chess Handbook, published by the United States Chess Federation. This book contains the complete rules of the USCF, including the rating system. The USCF rating system is used to determine the skill level of chess players. It is based on the Elo rating system, which was developed by Arpad Elo.

I. The USCF rating system is a method of assigning numerical values to chess players based on their performance in chess games. The rating system is used to determine the skill level of chess players and to predict the outcome of chess matches.

II. The USCF rating system is based on the Elo rating system, which was developed in the 1950s by Arpad Elo. The Elo rating system is a statistical model that uses a player's past performance to predict their future performance. The USCF rating system is an updated version of the Elo rating system that is specifically designed for use in the United States.

III. The USCF rating system is used to determine the skill level of chess players and to predict the outcome of chess matches. The rating system is used to rank players, to determine the winners and losers of tournaments, and to determine the strength of opponents.

4. The USCF rating system is based on the performance of players over a period of time. The rating system takes into account a player's wins, losses, and draws in chess games. The rating system is updated regularly to reflect a player's current performance.

The USCF rating system is used to determine the skill level of chess players and to predict the outcome of chess matches. The rating system is based on a player's past performance in chess games. The USCF rating system is used to rank players, to determine the winners and losers of tournaments, and to determine the strength of opponents.
This supplement marks the end of the rating system as it was devised by Kenneth Harkness and maintained for about seven years. The USCF Rating Committee, headed by Prof. Arpad Elo, with Dr. Erich Eltinge and Guthrie McClain as members, has, after laborious and painstaking research and discussion, originated an entirely new system of calculation which tends to great accuracy and less over-all fluctuation, with more emphasis on credit for past performance. As of this date, all tournaments submitted to the USCF Business Office will be calculated by the new system. (Further explanation of this system will be found elsewhere in this issue.)

In order to make a March deadline it was necessary to break off sooner than we had expected. Thus, some of the Labot' Day Weekend tournaments will be found in this list, while others have not yet been calculated. These tournaments were done chronologically, in the order in which the reports were received, and any Labor Day tournaments not on this list will be included in the next.

### Facts and Figures
This list contains the names of 8 Senior Masters, 47 Masters, 166 Experts, and 77 Class A, B, and C Players. Quite a few new names appear for the first time among the Masters; special note should be made of Walter Harris of New York City who is a member of the Island Chess Club. By his outstanding performance in the U. S. Open, he achieved his Master rating, making him the first Negro to be so recognized in American chess.

### A New Name
Joseph F. Reinhardt of Staten Island is now an employee of the USCF, working exclusively on ratings. Joe is a former student of Wagner College, and has long been an organizer of Island chess activities. It is very fortunate, indeed, in being able to secure his services, and I hope that all USCF members will join me in welcoming him into the "fold."

### Senior Masters
(2000 to 2599 points)

- Adams, W. W. (Dedham, Mass.)
- Abrahams, G. (Detroit, Mich.)
- Abel, D. (Independence, Mo.)
- Allen, J. (Independence, Mo.)
- Aronson, Mrs. E. (Chicago, Ill.)
- Averbach, P. (Chicago, Ill.)
- Balsky, B. (Hot Springs, Ark.)
- Bechtelder, W. (Bloomington, Ind.)
- Bell, G. (Pittsburgh, Pa.)
- Birenfeld, P. (Detroit, Mich.)
- Bishop, W. (Seattle, Wash.)
- Brandt, L. (Ohio)
**LIST OF EVENTS RATED IN MARCH**

**RATING SUPPLEMENT**


**ARIZONA**—Arizona Open Championship, Phoenix, Sept. 5-7, 1959.


**CONNECTICUT**—Bristol Chess Club Championship, Bristol, Jan.-May, 1959.

**FLORIDA**—Broward County Championship—Finals and play-off, Ft. Lauderdale, Mar. 15-May, 1959; South Florida Team League, Spring Season, South Florida Team League, Summer Championship, Southeast Florida Open, Miami Beach, August, 1959.


**MICHIGAN**—Michigan Open, Ann Arbor, Sept. 4-7, 1959.

**MISSOURI**—"Heart of America" Open, Kansas City, Mo., Sept., 1959.


**NEW YORK**—Marshall Chess Club Conolation Tournament.

**NORTH CAROLINA**—North Carolina Closed Championship, Raleigh, Sept. 5-7, 1959.


**OKLAHOMA**—Oklahoma Open, Tulsa, Sept. 5-7, 1959.


**WEST VIRGINIA**—West Virginia Championship, Charleston, Sept. 5-7, 1959.

**WISCONSIN**—Third Western Open, Milwaukee, July 23-5, 1959.

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**$2.20**

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Vanessaers, K. (Chicago, Ill.). 1970

Viggiano, J. (Lambertport, W Va.). 1974

Vincent, R. (Omaha, Nebr.). 1962

Vines, K. (New Orleans, La.). 1983

Vissopo, D. (Santurce, P.R.). 1967

Voel, A. (Berger, Tex.). 1986

Voogel, A. (Franklin Park, III.). 1946

Volk, L. (Chicago, Ill.). 1957

Vorpalag, R. (Milwaukee, Wis.). 1976
THE GAME

SICILIAN DEFENSE

1.e4 c5 2.Nf3 Nc6 3.g3

21. aB1 leads to a quick Queen if Black is foolish enough to move his attacked Rook, e.g., 21... Rxe4 22. Bxe4 Qxe4 (22... Rxe4 23. Kf2) 23. Be5 Qxe5 24. Bxe5 (24. Nxe5) Rxe5 25. c5 Qc5 26. Be6 Rxe6 27. cxd6, Black is mated.

But 21... Qe7 (21... Qe7) is stronger. Instead, 22. Kf2 would be met by 22... Qe7. Black cannot recapture with his Queen, for 22... Rxe5?? loses to 23. Bxe5 Qxe5 24. Kxe5, and he must recapture with the Rook. Thus, 23. Be5 is a blunder. But 21... Qe7 is not a strong enough move to hold the position.

Another move that might have been played is 21... Nf8. This would have led to a complex position, with Black having more than enough compensation for the pawn and the possibility of a quick attack. However, in the actual game, White has the advantage due to his stronger pawn structure and better development.

5. Bb5 seems to have more possibilities. This move would have led to a more open position, with both sides having chances to create threats. However, in the actual game, Black has the advantage due to his better development and control of the center.

White's move 21... Qe7 is a blunder. Instead, 21... Qe7 would have been a better move. This would have led to a more complex position, with both sides having chances to create threats. However, in the actual game, Black has the advantage due to his better development and control of the center.

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TOURNAMENT RESULTS

USCF RATING IMPROVEMENT TOURNAMENTS, New York.

DECEMBER: 1st, G. Schnittler; 2nd, A. Spillier; 3rd, R. Burkin. (No point norms available.)

JANUARY: 1st (after tie-breaking) R. Durkin, 5-1; 2nd, Dr. A. Mangeri, 5-1; 3rd, L. Klugman, 4½-½; 4th, W. Freericks, 4-2; 5th, H. Herbst, 4-2. Highest in classes: A. R. Egan, 4-2; B. H. Janes, 3-½; C. W. Katz, 4-2; Unrated, C. Daniels, 3-½.

ARKANSAS CHAMPIONSHIP, Little Rock, Ark., Jan. 1, with 6½ to 0 over Surprises, Laravke, Raven, Murphy, Priscilla, and Jones, in round robin.

SAN GABRIEL-MONTEREY PARK INVITATIONAL, Monterey Park, Calif., 1st, Walter Cunningham, 7-0; 2nd, Joe Thompson, 5½-½; 3rd, Alex Carpenter, 5-2; 4th, Martin Szalay, 4½-½; 5th, Neil Buttrick, 4-½. (Winner Cunningham is 16 year old high school football star.)

2d ESSEX OPEN, E. Orange, N.J.
1st, R. Durkin, defending champion, 4-1; no other point scorers or places reported, except that Durkin lost in 1st round to M. Connelly, and came to last round tied with Peter Meaney; whom he defeated for the title.

STUTTGART INVITATIONAL, Stuttgart, Arkansas.
1st, Troy Armstrong, 4½-½; 2nd, Leonard Smith, 4-1; 3rd, James Wright, 3½-½; 4th, Gowan Meacham, 3½-½; 5th, Orval Allbritton, 3-2.

ARKANSAS STATE CHAMPIONSHIP, Little Rock, Arkansas
1st, Capt. Charles Rosburg, USAF, 5-0; 2nd to 4th with 4-1, Bill Jones, Leonard Smith, Jr., and Orval Allbritton; 5th, Ronnie Taylor, 3½-½.

CHINA LAKE OPEN, California.
1st, Inre Marci (California Collegiate Champ) 5-1, 2nd, Al Raymond, 4½-½; 3rd Roger Smook, 4½-½; 4th, Phil Smith, 4-2; followed by Metz, Eldemiller, and Richards, each with 4-2.

WEST FLORIDA OPEN, Tampa, Fla.
1st, Charles W. Stallings, (who lost an 11-move, but rallied to win title) 5-1; 2nd, Bob Bailey, 4½-½; 3rd and 4th, D. R. Carlyle (defending champ) and Ned Hardy, each with 4-2. Glen Hartley, Alan Himber, and Dr. R. L. Fronenke, each scored 3½-½. Ex-champ, Joel Chalfish, scored 3. The 12-player (separate event) division was won by Bill Baer, 5-1; 2nd, Bob Durrett, 4½-½; 3rd, John Jacobs and John Moore, each with 4½-½. (Burrick, who hit winner Stallings with the 11 move win), Himber, and Jacobs, were all University of Florida students.

IRVING PARK CC CHAMPIONSHIP, Chicago.
1st, Tom McCloskey, 6½-½; 2nd and 3rd, Ninus Aronson and Roy Hadley, each with 6-2.

EASTERN IDAHO CHAMPIONSHIP, Pocatello, Idaho.

NORTHWESTERN OPEN, Missoula, Montana.
1st, Richard Schultz (Seattle), 6-0, defeating players finishing 16, 13, 10, 2, 3, and 5, in final standings! 2nd, Olav Ulvestad, 5-1; 3rd, Herman Hesse, (Bethlehem, Pa.) 4½-½; 4th to 7th in order listed, each with 4½-½.

To win the Strohman-Bolz Memorial, CHESS LIFE was criticized for not having given this event more advancement publicity, it may give its generous sponsors something to think about to think about the information above was gleaned from "The Idaho Chess Bulletin," no reports on the tournament having been received from the responsible organizers.

UTAH OPEN, Salt Lake City, Utah.
1st, Richard Helbut, 5-1; 2nd, Donald Bengt, 5-1; 3rd and 4th, with 4-2, Tom Tbilisi, 4-½; 5th and 6th to 9th, each with 3½-½, L. N. Page, Ken Jones, Fred Dacekal, Raymond Smith, and Clinton McDaniel. (Interesting note on 1st place tie-break—Q.B. points were used; if median points had been used, Helbut and Bengt would have remained in a tie; if Scholff system had been employed, Bengt would have taken the title by ½ point.)

CENTRAL WASHINGTON OPEN, Yakima, Wash.
1st, Clark Harmon, 5½-½; 2nd, Olaf Ulvestad (defending champ) 5½-½; 3rd, Viktor Pupols, 5-1; 4th, Ivars Dubbergs, 5-1; 5th to 8th, each with 4½-½, L. D. Demmer, D. G. Drags, and Donald Turner; 8th to 10th, each with 4-2, Richard Jerome, Mike Frant, and Richard Schults.

JACKSON OPEN, Jackson, Mississippi.
1st, Jack Lochlear, 4½-½; 2nd, Jack Rushing, 4-1; 3rd to 5th, each with 3½-½, John Poole, Frank Shavez, and Ed Felts. In the B Section, the following finished in the order listed: Woody Jummond, 4½-½; James West, 4-1; Douglas Harvey, 3½-½; Ross Moore, 3-2; E. H. Gleason, 3-2. New Orleans players took 1st and 4th places in Class B, while Baton Rouge players tied 2nd and 3rd in Class B. All other prize winners were from the host state of Mississippi.

ALAMO OPEN, San Antonio, Texas.
1st, Blake W. Stevens, 4-½; 2nd John Allen, 4-1; 3rd, John Bob Payne, 4-1; 4th, Morley Pastinas, 4-1½; 5th to 7th, each with 3½-½, Homer H. Hyde, Henry Davis, and Sam Priebe. 5 of first 6 places were taken by San Antonio players, Allen, of Independence, Mo, being the only non-Texan in the prize list.

Solutions to "Mate the Subtle Way"

Problem No. 1051

By Peter A. Petkov

Tokubuch, Bulgaria

Original for Chess Life

Mate in two moves

Problem No. 1053

By George Bakcsi

Budapest, Hungary

Original for Chess Life

Mate in three moves

Problem No. 1062

By Waldemar Tura

Lublin, Poland

Original for Chess Life

Mate in two moves

Problem No. 1064

By M. Marysco

Olesnice, Czechoslovakia

Original for Chess Life

Mate in three moves

All communications concerning this problem-column, including solutions as well as original compositions for publication (two and three move direct mates), must compare anywhere should be sent to Nicholas Gabor, Hotel Kemper Lane, Cincinnati, Ohio.

As promised, here's our attempt to give a little advice to our inexperienced solvers about how to look at a chess problem, in trying to find the solution. The subject is too rich and would require many pages of analysis, but we hope that a few comments will help them. Practice will increase their technical, useful even in playing regular games.

The first thing is to look at the position of the BI K. If in No. 1051 the BK is fully blocked it can capture moves. But since one of the main underlying requirements of a problem is that every single piece on the board must have a purpose, you soon notice the 2. Wh's on KB2 and KB3. If the K can't move, why are these Pats there? The only purpose of having the board must be that during the solution, the K will be able to move closer to them. This obvious fact may indicate the keymove. In No. 1053 the BI K is also blocked. The BI, Q and B are in "half-pin" which means that moves of one of them away from the diagonal "plus" the other. And this pinning of the BI or Q will be exploited in Wh's second move, the mate.

Never look for checking keymoves! Aside from a very few existing samples, (we have published some, in the past) such keymoves... If they mate in 2 moves, must be "ookas" (Unintended solutions which ruin the problem) Never look for piece-capturing keymoves! Pawn-capturing keymoves are frequent. Never look for "keymoves" which decrease the freedom of the BI K without any recom-....

To be continued.
NOTICE TO ALL USCF MEMBERS
NOMINATIONS WANTED

The Listing Committee requires for the coming annual event 3 to 2. Besides setting a record for size, this was the first time that the home team has been upset. Featuring four masters, the Washingtonians couldn’t be headed although the first five boards were split. From there on down, it was just about all Washington. Kudos are due Bill Koening (B), George Thomas (W), and the Bay Region C.C. for the great job they did in bringing off this huge match. The line-ups and results are given below.

FLORIDA TEAMS EXPAND AGAIN

The annual team league program during the winter months in South Florida continues to expand. Four leagues with 17 teams are active now in the various rating categories.

The Open division includes entries from the defending champions, the Miami Club, plus Miami Beach, the University of Miami, Broward County and Dade County. The fourth league, and Miami Beach are being challenged in Case A by Homestead, Miami Club, and the Miami Herald. At the halfway mark the first four tournaments were each in the list in this extremely well-balanced competition.

A new Class B loop includes groups from Miami, North Dade, and the third from Homestead. Homestead dominates entries in the new Class C League as well.