

June 28, 1970

Richard Shorman

Chess

COMPUTER CHESS

Jim Hurt, problems columnist for "Chess in Action," and his son, Shawn, had the good fortune to play chess with a newly programmed CDC computer in Sunnyvale on Father's Day.

A chess diagram is projected onto the computer's own TV screen and all moves are registered directly on the face of the tube, so that a chess set is not needed to play.

On its fast setting (8-48-1; 10 minutes per game) the computer selects eight possible moves, then for each of them analyzes up to 48 direct responses and settles on one of these as "correct." Finally, comparing all eight correct responses, it plays the best one as its move.

White: Jim and Shawn Hurt. Black: CDC computer.
 Sunnyvale, June 21, 1970.
 Vienna Game

1 P-K4	P-K4	13 R-K7ch	K-B1
2 B-B4	N-KB3	14 RxKBP	N-K5ch(b)
3 N-QB3	B-N5	15 PxN	Q-Q5ch
4 P-Q3	BxNch	16 B-Q3	QxR(c)
5 PxB	P-Q4!	17 QxBch	K-Q1
6 PxP	NxP	18 B-K7ch	K-K1
7 B-R3	NxP	19 Q-K6	QxP(d)
8 Q-R5	Q-B3	20 QxQ	P-QR4
9 N-B3	B-B4	21 Q-K6	N-B3
10 NxP(a)	QxNch	22 B-R3ch	K-Q1
11 K-Q2	Q-B3	23 Q-Q7mate(e)	
12 KR-K1ch	K-Q2		

(Notes supplied by the winner.)

(a) Sacrificing a knight for the initiative. From now on, Black is continually under strong threats.

(b) Black is threatened with loss of his bishop and tries for a counterattack. The computer sees that 14 . . . N-K5ch allows 15 . . . QxR or 16 . . . QxR; but did it foresee 17 QxBch?

(c) The losing move! Black misses 16 . . . B-N3, 16 . . . P-KN3 and 16 . . . B-K3, all of which are better than the text, but computers aren't perfect.

(d) The only move to avoid mate.

(e) Elapsed time for the entire game was less than one hour!

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STAMER MEMORIAL

The seventh annual Arthur B. Stamer Memorial Chess Tournament, directed by Mike Goodall, will take place July 3-5 on the fourth floor of the Mechanics' Institute Building, 57 Post St., San Francisco. Guaranteed prizes totaling \$1,065.00 will be awarded in eight playing categories. Entry fee is \$15 plus USCF membership (or \$12.50 prior to July 3, sent to Mechanics' Institute, 57 Post St., San Francisco Calif., 94104). Round one of this six-round Swiss system event starts at 2:30 p.m., Friday, July 3. Please bring sets and clocks.

WHERE TO PLAY CHESS

The Hayward Chess Club, 2058 D St. (Hayward Arts and Science Center). Monday and Friday, 8-12 p.m.

The Cherryland Cafe, 22472 Meekland Ave. (corner of A Street and Meekland Avenue), Hayward. Evenings, 10 p.m. to 6 a.m.

The Fremont Chess Club, 36025 Fremont Blvd. (Westridge Park Community Center). Thursday, 7-11 p.m.