

Chess and AI

The Implications for Human-Machine Collaboration



White to move and win
Hint: Computers struggle here

These are the questions I am often asked

- Isn't correspondence chess dead?
- How do we know you didn't cheat?
- Why not just let a computer make every move?
- Won't the player with the most powerful machine win?
- You got lucky, right?
- By the way, what's the best engine?

Some questions of my own:

- Why isn't every correspondence player rated 2580?
- Why do neural net engines still beat other neural net engines?
- Why are some correspondence players still winning?
- Is Correspondence Chess the canary in the coal mine?

Can Stocks Picked by Artificial Intelligence Beat the Market? 3 Stocks to Watch

An artificial intelligence stock-picking platform identifying high-potential equities has been sharp in the past. Here are three of its top stocks to watch over the next few months.

   Newsletter sign up

from leading play
nowadays, though

Computer
gods.

End of An Artist's Career? A.I. Creates Art for You! - Complete Guide

they now play chess like

David Wagle · Follow
Managing Consultant · 3y

Related Will humans ever beat chess engines?
Take away their opening books and their endgame tabl
set the engines to only "think" during their own tur
computer engines remain beatable by the high

On the Road to Full Autonomy: Self-Driving Cars Will Rely on AI and Innovative Memory

Autonomous cars are evolving from futuristic dream to modern reality, and as the technology matures, personal and public transportation will be forever transformed. Eventually, driverless cars will take human motorists out of the equation entirely, banishing dangerous drowsy, impaired, and distracted drivers from roadways. Nearly 40,000 people in the United States

HEALTH
AI revolution in medicine

HEART HEALTH NEWS
This AI program can predict heart attack, stroke risk within decade using single chest X-ray

Former Go champion beaten by DeepMind retires after declaring AI invincible

AI experts are increasingly afraid of what they're creating

AI gets smarter, more capable, and more world-transforming every day. Here's why that might not be a good thing.

By Kelsey Piper | Updated Nov 28, 2022, 6:53am EST



Lee Se-do.
Photo: Goo

Google Engineer Claims AI Chatbot Is Sentient: What That Matters

Is it possible for an artificial intelligence to be sentient?

By Leonardo De Cosmo on July 12, 2022

0 comments / 0 New

1		Berliner, Hans Jack
2		Hybl, Jaroslav
3		De Carbonnel, Heinz
4		Husak, Karel
5		Zagorovsky, Vladimir Pavlovich
6		Abramson, Moisei
7		Endzelins, Lucius
8		Nielsen, Jens Hartung
9		Richter, Josef
10		Rokhlin, Yakov Gerasimovic
11		Altshuler, Roman Zinovievich
12		Stern, Werner
13		Estrin, Yakov Borisovich
14		Messere, Kenneth Charles
15		Ericson, Ernst Arne
16		Nyman, Sture Valentin
17		Borisenko, Georgy Konstantinov

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
1	*	½	1	½	½	1	½	1	1	1	1	1	1	1	1	1	1	14.0 / 16
2	½	*	½	1	0	1	1	0	½	½	1	½	1	1	1	1	½	11.0 / 16
3	0	½	*	1	½	½	½	½	½	1	½	1	1	1	1	½	½	10.5 / 16
4	½	0	0	*	0	0	1	1	1	½	½	1	1	1	1	1	1	10.5 / 16
5	½	1	½	1	*	½	½	1	½	½	1	½	½	0	½	½	1	10.0 / 16
6	0	0	½	1	½	*	1	1	½	½	½	1	½	½	1	½	½	9.5 / 16
7	½	0	½	0	½	0	*	½	1	1	0	½	½	1	1	1	1	9.0 / 16
8	0	1	½	0	0	0	½	*	½	½	1	½	1	1	1	½	1	9.0 / 16
9	0	½	½	0	½	½	0	½	*	½	½	1	½	1	½	1	0	7.5 / 16
10	0	½	0	½	½	½	0	½	½	*	½	½	1	½	0	1	1	7.5 / 16
11	0	0	½	½	0	½	1	0	½	½	*	0	1	1	0	1	1	7.5 / 16
12	0	½	0	0	½	0	½	½	0	½	1	*	0	½	1	1	1	7.0 / 16
13	0	0	0	0	½	½	½	0	½	0	0	1	*	0	1	1	1	6.0 / 16
14	0	0	0	0	1	½	0	0	0	½	0	½	1	*	0	1	1	5.5 / 16
15	0	0	0	0	½	0	0	0	½	1	1	0	0	1	*	0	1	5.0 / 16
16	0	0	½	0	½	½	0	½	0	0	0	0	0	0	1	*	1	4.0 / 16
17	0	½	½	0	0	½	0	0	1	0	0	0	0	0	0	0	*	2.5 / 16

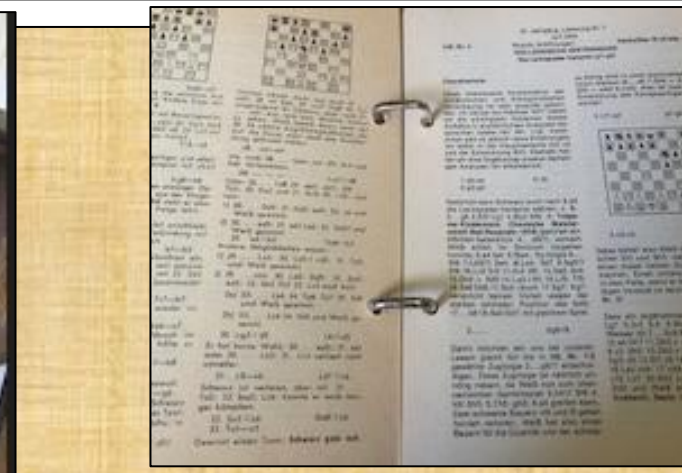
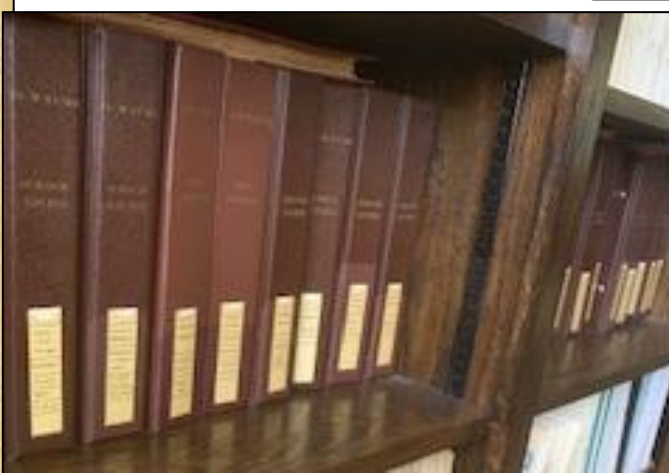
12-18-20/III = 2

Lieber Schachfreund!

23. 5274 6473

Beste Grüsse,

Hans Berliner



NAmerica-ch8 corr9600 1996

- 1

 **Edwards,Jonathan**
- 2

 **Thompson,Paul L**
- 3

 **Embrey,Kevin W**
- 4

 **Hux,Robert E**
- 5

 **Conover,Wayne**
- 6

 **Martinovsky,Eugene Simeon**
- 7

 **Pedersen,N Eric**
- 8

 **Edelstein,Michael**
- 9

 **Deidun,Joseph Sr**
- 10

 **Weinstock,Solomon**
- 11

 **Bogle,William**
- 12

 **Wright,Stephen**
- 13

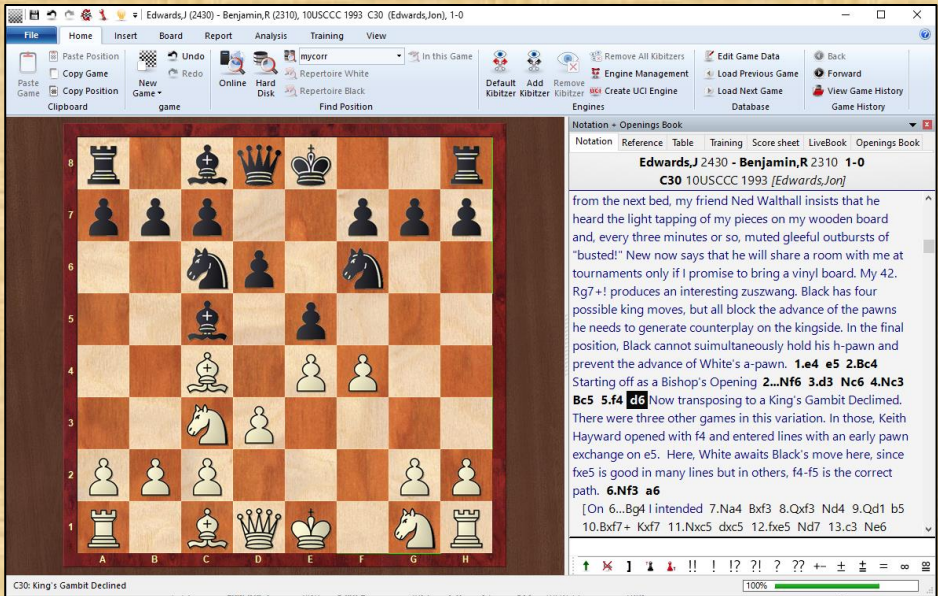
 **Nalepa,Barry K**
- 14

 **Leskowsky,Zoltan Emerk**
- 15

 **Hodges,Paul**

2470

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	*	½	½	½	1	½	1	1	½	1	1	1	1	1	1	11.5 / 14
2	½	*	1	½	0	½	½	1	1	1	1	1	1	1	½	10.5 / 14
3	½	0	*	½	1	0	½	1	½	1	1	1	1	1	1	10.0 / 14
4	½	½	½	*	0	1	1	½	½	½	1	1	1	½	1	9.5 / 14
5	0	1	0	1	*	½	½	½	1	½	1	1	1	1	½	9.5 / 14
6	½	½	1	0	½	*	0	½	½	1	1	1	1	1	1	9.5 / 14
7	0	½	½	0	½	1	*	½	½	½	1	1	½	½	1	8.0 / 14
8	0	0	0	½	½	½	½	*	½	1	0	1	½	1	1	7.0 / 14
9	½	0	½	½	0	½	½	½	*	0	½	½	1	1	½	6.5 / 14
10	0	0	0	½	½	0	½	0	1	*	0	½	1	1	1	6.0 / 14
11	0	0	0	0	0	0	0	1	½	1	*	½	1	1	1	6.0 / 14
12	0	0	0	0	0	0	0	0	½	½	½	*	1	1	1	4.5 / 14
13	0	0	0	0	0	0	½	½	0	0	0	0	*	1	1	3.0 / 14
14	0	0	0	½	0	0	½	0	0	0	0	0	0	*	1	2.0 / 14
15	0	½	0	0	½	0	0	0	½	0	0	0	0	0	*	1.5 / 14



*"We love all of your
movies, especially the
early funny ones"*

*Alien to Woody Allen,
Stardust Memories,
1980*

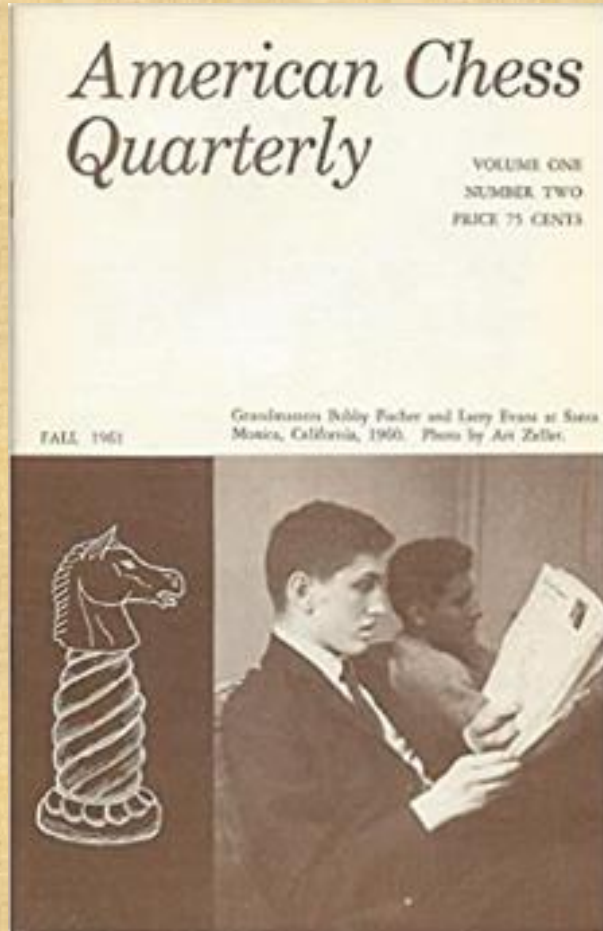




Pat Battin, Librarian
“Taking the Search of research”
Columbia University, 1986



Edward Lasker on Computers and Chess, 1961



Volume 1, Number 2

“I was very much surprised to read a statement, imputed to Botvinnik, that the day will come when computers fully master chess, and FIDE will have to establish Grandmaster and Master titles for these machines. This is, of course, nonsense, and I am sure that Botvinnik was either joking or said something totally different.”



**Botvinnik:
On the Cybernetic Goal of the Game**



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☒ Action required ☒ Ongoing games ☐ Finished games

Status	Opponent	Time left	Since	Time spent	Opp. time left	Event	Last move
Opponent leave	Stephan, Jürgen	102 days 24:00	11/14/2022 4:36 PM	1 days 7:23 (1 calendar days)	141 days 16:36	Kurt Stein Memorial - Section A	27..Nf5
Opponent leave	Ostriker, Jon	105 days 24:00	11/13/2022 10:31 AM	0 days 0:00 (0 calendar days)	137 days 24:00	Kurt Stein Memorial - Section A	25.Qxb4
Waiting	Morrow, Wolff	98 days 24:00	11/20/2022 6:48 AM	1 days 13:56 (1 calendar days)	126 days 10:03	Kurt Stein Memorial - Section A	26..Rc7
Waiting	Sasikiran, Krishnan	55 days 24:00	11/19/2022 7:42 PM	2 days 1:02 (2 calendar days)	54 days 22:57	Kurt Stein Memorial - Section A	16.Ree1
Waiting	Gähler, Sebastian	123 days 24:00	11/17/2022 4:46 PM	4 days 3:58 (4 calendar days)	103 days 20:01	Kurt Stein Memorial - Section A	21..Kh7
Waiting	Johnson, Bobby	75 days 24:00	11/21/2022 1:11 AM	0 days 19:32 (0 calendar days)	36 days 4:27	Kurt Stein Memorial - Section A	15.f3
Your turn	Fleetwood, Daniel M.	72 days 18:36	11/20/2022 3:21 PM	1 days 5:23 (1 calendar days)	57 days 24:00	Kurt Stein Memorial - Section A	18..Nf4
Your turn	Perry, Dan	114 days 20:00	11/17/2022 4:45 PM	4 days 3:59 (4 calendar days)	99 days 24:00	Kurt Stein Memorial - Section A	21.Nd5+
Your turn	Cruzado Dueñas, Carlos	60 days 11:07	11/18/2022 7:52 AM	3 days 12:52 (3 calendar days)	72 days 24:00	Kurt Stein Memorial - Section A	16..Nd7
Your turn	Freeman, Michael Roy	112 days 4:19	11/21/2022 1:04 AM	0 days 19:40 (0 calendar days)	109 days 24:00	Kurt Stein Memorial - Section A	22.Rxf5
Your turn	Paško, Peter	104 days 13:21	11/20/2022 10:06 AM	1 days 10:38 (1 calendar days)	123 days 24:00	Kurt Stein Memorial - Section A	22..bxc5

■ ETL ■ Double time applying

DEFAULT SORT

CUSTOMISE

ChessBase Complete



CHESS IN THE DIGITAL AGE

Jon R. Edwards

Home > Tables and results > Kurt Stein Memorial - Section A > Game

Event

Game

Board

Email

GM Daniel M. Fleetwood (2553)

57 days 24:00

1.e4 c5 2.Nf3 d6 3.d4 cxd4 4.Nxd4 Nf6 5.Nc3 a6 6.Be3 e5 7.Nb3 Be6 8.f3 h5 9.Qd2 Nbd7 10.Nd5 Bxd5 11.exd5 g6 12.Be2 Bg7 13.O-O b6 14.a4 O-O 15.h3 Qc7 16.Rab1 h4 17.Bf2 Nh5 18.Bxh4 Nf4

Message received:

Hi, Jon,
I hope you enjoy(ed) your talk at the Milken Institute. It's always fun to do presentations like these. :)
I have officially gotten my first move in WC 33F, so the real decision processes will begin shortly. I have done canvases on the Black openings of all games where I have the first

SIM Jon Edwards (2528)

72 days 18:34

Your move:

Outgoing message:

Home > My events

My events

☒ Show finished events
☒ Player

Name	Start Date	Status
Kurt Stein Memorial - Section A	6/30/2022	Running
Belarus - USA 2021 Board 1	3/13/2021	Finished
World Championship 32 Final	6/20/2020	Finished
ICCF Olympiad 21 Final Board 6	1/13/2020	Finished
2019 USA Invitational - Section A	3/31/2019	Finished
21st US Correspondence Chess Championship - Finals	9/30/2018	Finished
II Magistral AEAC - Grupo A	10/25/2017	Finished
WCCC36CT01	9/20/2016	Finished
2015 USA Invitational - Section A	3/31/2015	Finished
WCCC38SF07	6/20/2014	Finished
WCCC35SF10	6/10/2011	Finished
ICCF Olympiad 13 Final Board 3	11/25/2004	Finished
North America/Pacific Championship 4	5/15/2002	Finished
25 Years of Mate Postal - Group A	7/1/2000	Finished
World Championship 19 3/4-Final 2	4/1/1999	Finished
SSKK 60 Years	11/15/1998	Finished
13. Olympiad section 4 Board 2	5/30/1998	Finished
World Championship 22 Semifinal 01	12/15/1997	Finished
8. North American Invitational Chpship	12/15/1996	Finished

Tables and results

Select categories to display a list of tournaments.

Select a category

ICCF Tournaments

National Tournaments

Zonal Tournaments

Archive

Select a category

World Championships

Olympiads

World Cups

Norm Tournaments

Champions League

Friendly Matches

Other (unrated) events

Promotion Tournaments (Server)

Promotion Tournaments (Postal)

Select a category

World Championship Finals

World Championship Candidates

World Championship Semifinals


















World Championship Preliminaries

Ladies World Championships

Tables and results search

Transmission	Short Name	Name	Start date	Category	Winner(s)
Server	WC33/final	World Championship 33 Final	11/20/2022	10	Ongoing
Server	WC32/final	World Championship 32 Final	6/20/2020	11	Edwards, Jon
Server	WC31/final	World Championship 31 Final	6/20/2019	13	Muck, Christian; Langeveld, Ron A
Server	WC30/final	World Championship 30 Final	6/20/2017	13	Kochemasov, Andrey Leonidovich
Server	WC29/final	World Championship 29 Final	6/20/2015	13	Dronov, Aleksandr Surenovich
Server	WC28/final	World Championship 28 Final	6/10/2013	14	Ljubičić, Leonardo
Server	WC27/final	World Championship 27 Final	6/10/2011	14	Dronov, Aleksandr Surenovich
Server	WC26/final	World Championship 26 Final	6/10/2010	13	Langeveld, Ron A. H.
Server	WC25/final	World Championship 25 Final	12/10/2009	14	Finocchiaro, Fabio
Server	WC24/final	World Championship 24 Final	6/10/2009	12	Šemrl, Marjan
Server	WC22/final	World Championship 22 Final	12/31/2007	13	Dronov, Aleksandr Surenovich
Server	WC23/final	World Championship 23 Final	12/31/2007	13	Stephan, Ulrich
Email	WC21/final	World Championship 21 Final	8/1/2005	14	Oosterom, Joop J. van
Postal	WC20/final	World Championship 20 Final	10/25/2004	13	Lehikolmen, Pertti
Email	WC19/final	World Championship 19 Final	4/20/2004	15	Léotard, Christophe


















WC32/final, World Championship 32 Final

					TD Pheby, Ian M. (IA)																														
Category 11					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	GM	SIM	Score	Wins	SB	RG	Place							
1		510692	SIM	Edwards, Jon	2525		½	½	½	½	½	½	½	½	½	1	½	½	½	½	1	9½		9	2	68.25	0	1							
2		180109	GM	Lecroq, Michel	2568	½		½	½	½	½	½	½	½	½	½	½	½	1	½	1	9½		9	2	68	0	2							
3		141625	SIM	Osipov, Sergey Adolfovich	2499	½	½		½	½	½	½	½	½	½	½	½	½	1	½	1	9½		9	2	68	0	2							
4		390086	GM	Neto, Horácio	2567	½	½	½		½	½	½	½	½	½	½	½	½	½	1	1	9½		9	2	68	0	2							
5		81224	SIM	Zajontz, Rainer	2500	½	½	½	½		½	½	½	½	½	½	½	½	½	½	1	9½		8.5	1	64.5	0	5							
6		490165	GM	Akdag, Murat	2574	½	½	½	½	½		½	½	½	½	½	½	½	½	½	1	9½		8.5	1	64.5	0	5							
7		300204	GM	Jónsson, Daði Örn	2559	½	½	½	½	½	½		½	½	½	½	½	½	½	½	1	9½		8.5	1	64.5	0	5							
8		19094	SIM	Mendl, Manuel	2537	½	½	½	½	½	½	½		½	½	½	½	½	½	½	1	9½		8.5	1	64.5	0	5							
9		89356	IM	Ulbig, Stefan	2416	½	½	½	½	½	½	½	½		½	½	½	½	½	½	1	9½	8	8.5	1	64.5	0	5							
10		750087	SIM	Blitsko, Boris Mikhailovich	2509	½	½	½	½	½	½	½	½	½		½	½	½	½	½	1	9½		8.5	1	64.5	0	5							
11		141530	SIM	Nekhaev, Andrey Ivanovich	2455	½	½	½	½	½	½	½	½	½	½		½	½	½	½	1	9½		8.5	1	64.5	0	5							
12		130766	SIM	Michálek, Miroslav	2480	0	½	½	½	½	½	½	½	½	½	½		½	½	½	1	9½		8	1	60.25	0	12							
13		81204	GM	Moll, Reinhard	2554	½	½	½	½	½	½	½	½	½	½	½	½		½	½	½	9½		8	0	64	0	13							
14		141537	GM	Kochemasov, Andrey Leonidovich	2554	½	½	½	½	½	½	½	½	½	½	½	½	½		½	½	9½		8	0	64	0	13							
15		82299	SIM	Schwetlick, Thomas	2470	½	0	0	½	½	½	½	½	½	½	½	½	½	½		½	1	9½		7.5	1	56	0	15						
16		390491	GM	Pessoa, Francisco Azevedo	2524	½	½	½	0	½	½	½	½	½	½	½	½	½	½		½	9½		7.5	0	59.75	0	16							
17		84833	SIM	Bock, Steffen	2562	0	0	0	0	0	0	0	0	0	0	0	½	½	0	½		9½		1.5	0	11.75	0	17							

Device specifications

Device name	DESKTOP-D64V8B6
Processor	AMD Ryzen Threadripper 3970X 32-Core Processor 3.70 GHz
Installed RAM	64.0 GB (63.9 GB usable)
Device ID	B2309BFD-E95E-4317-883C-4BBFCA97FE53
Product ID	00330-71463-42315-AAOEM
System type	64-bit operating system, x64-based processor
Pen and touch	No pen or touch input is available for this display

My Computer(s)

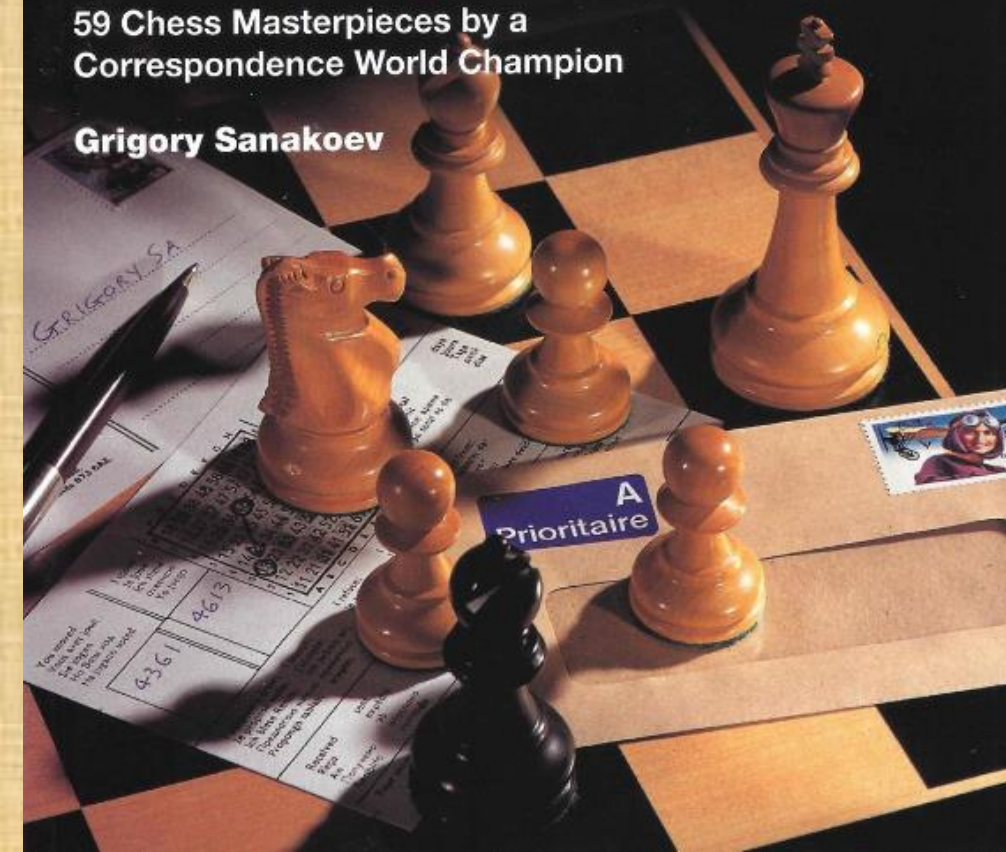
Title	Games
 Mega Database 2022	9210514
 Mega Database 2021	8787223
 Mega Database 2019	7625216
 TWIC	2804308
 Correspondence Database 2022	2058858
 Correspondence Database 2020	1626801
 ICCF Archive Complete	910350
 ICCF Complete	785647
 Ruy Lopez	251205
 Paramount 2015	122916
 Endgame studies	76132
 New in Chess archive	59340
 Opening Encyclopaedia 2021	39206
 Opening Encyclopaedia GD 2019	38050
 NiC Magazine archive	34556
 My PGN Downloads	39675
 Chess Publishing	29218

Available databases

World Champion at the Third Attempt

59 Chess Masterpieces by a Correspondence World Champion

Grigory Sanakoev



Dan Fleetwood

Yesterday at 10:36 AM · 🌐



Today I have received the first two moves in the 33rd International Correspondence Chess Federation (ICCF) World Championship. I am ranked 4th out of 17 participants. This will be my second attempt for the world title - hoping to improve on my 8th place finish in the 18th championship. It's a totally different experience these days, but no less challenging. Here we go!



tturgut@aol.com <tturgut@aol.com>

11/18/2022 10:45 AM

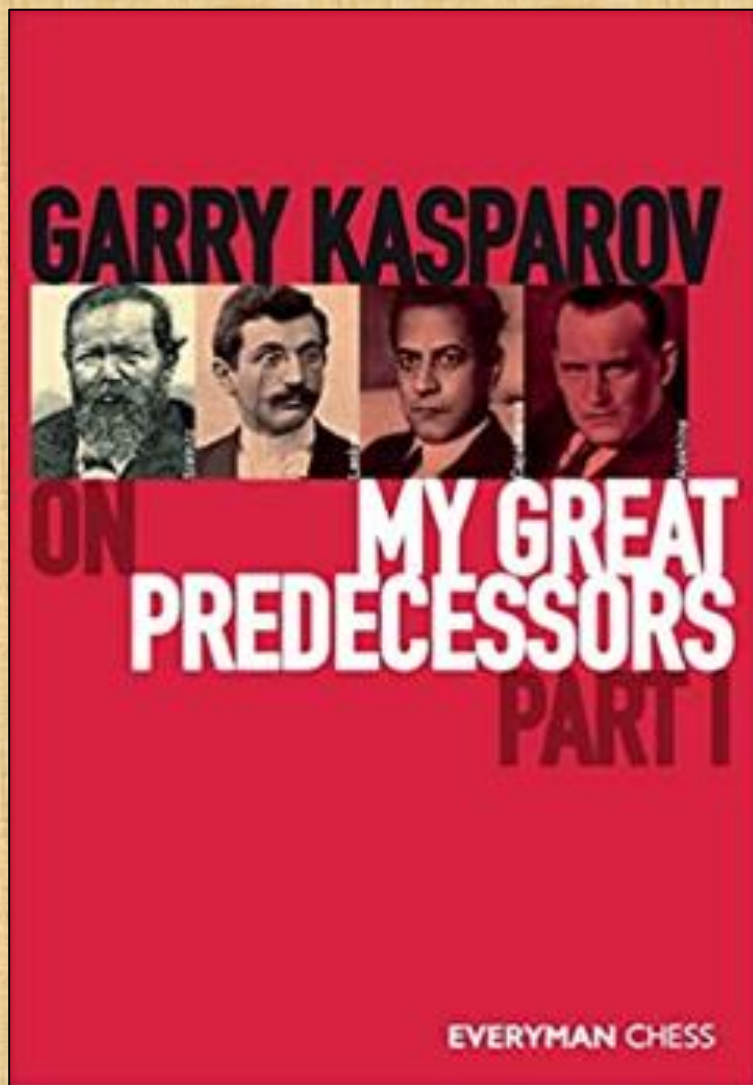
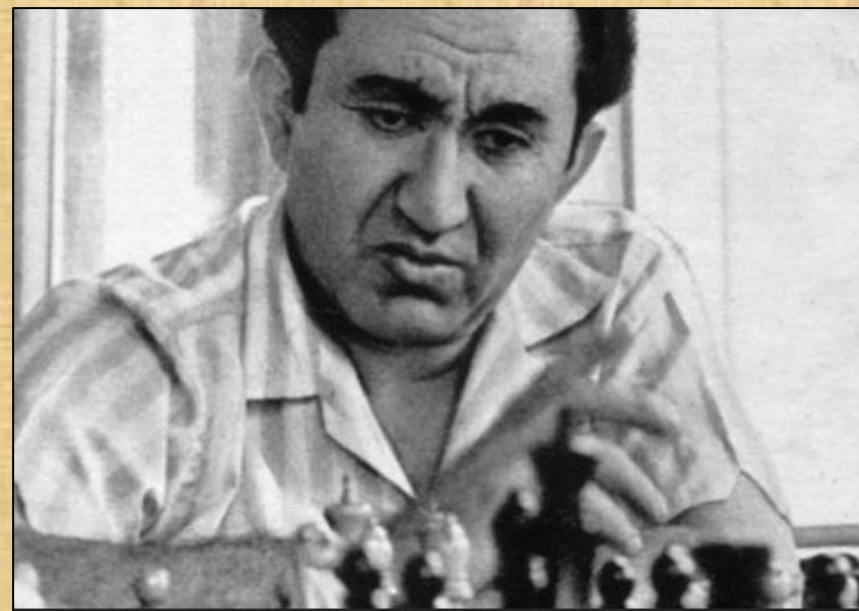
To: jedwards.chess@gmail.com

Hi John, thanks!

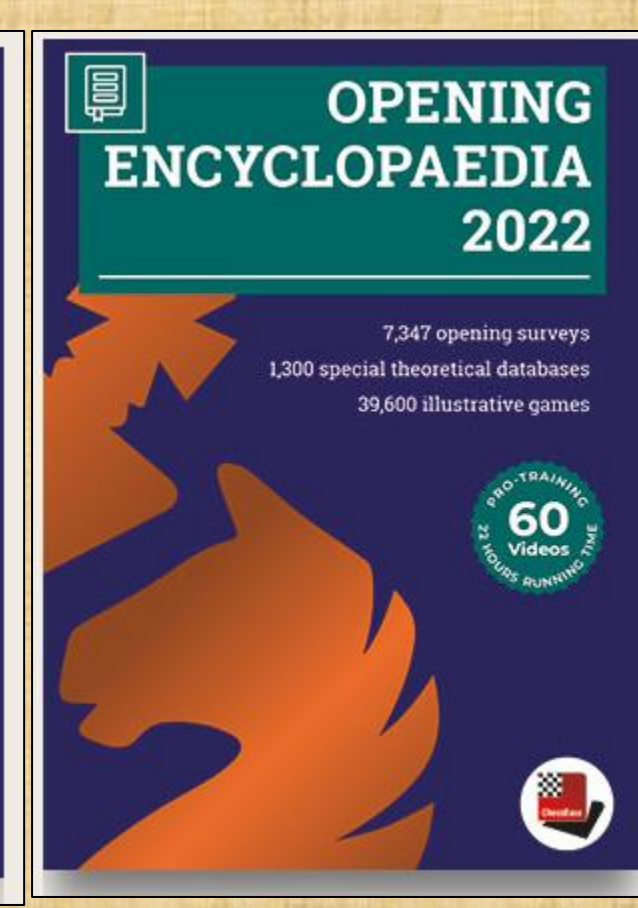
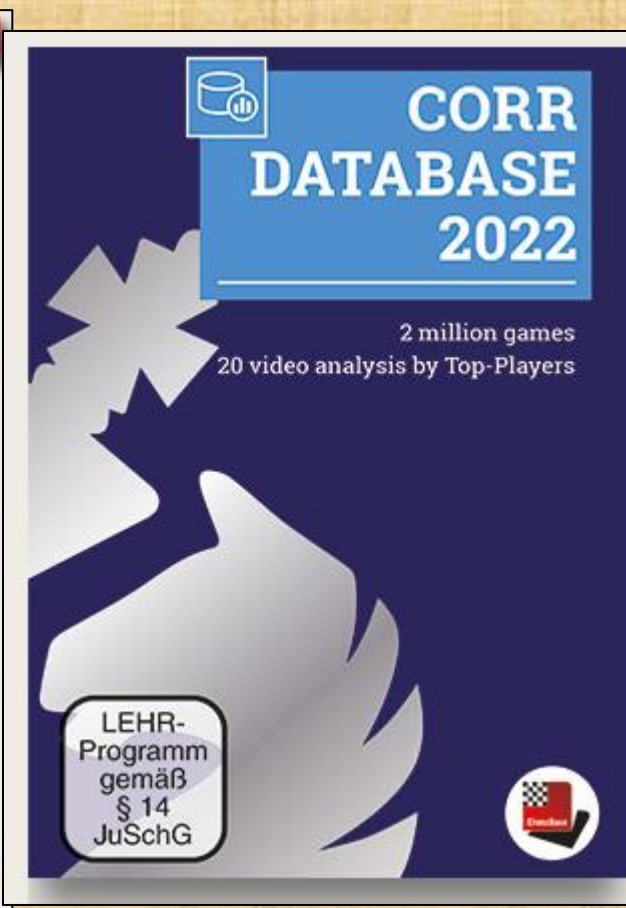
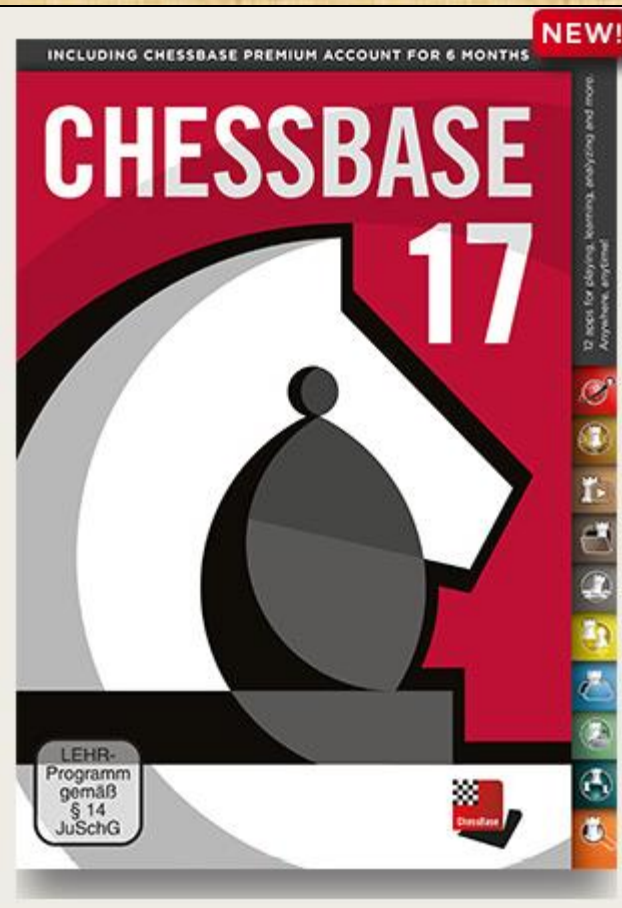
First of all congratulations!

I initially thought you were very lucky, but you did everything right, and luck is always important in life, so great result!

I am frustrated with the draws. this will be my 3rd attempt for WCFinal.



Databases and Data



The Week in Chess

Daily Chess News and Games. Weekly digest for download. By Mark Crowther.



TWIC is 28. First issue 17th September 1994.

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chessable

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Last updated: Tuesday 22nd November 2022 1:19 pm

The Week in Chess 1463 of 21st November 2022 by Mark Crowther. [34 stories](#) and 5701 games.

Links down the right hand margin or on the [The Week in Chess Download page](#).

[The Week in Chess](#) is a free weekly (Monday) publication in two parts, a text and a games section (either in ChessBase or PGN format) rounding up the most important chess of the previous week. A compilation of the games section of TWIC (in ChessBase format or a conversion of this file to PGN) can be had for a donation of £30. There have been over 3.1 million games in TWIC since the first edition on 17th September 1994.

About [TWIC1250 5x250 issues!](#)



Meltwater Champions Chess Tour Finals 2022

[Meltwater Champions Chess Tour Finals 2022 Games and Results](#)

Mark Crowther (Mon Nov 21 12:45:00 2022)

The Meltwater Champions Chess Tour Finals took place 14th to 20th November 2022. The event was played on the Chess24 platform but half the

Watch live games

Tournaments for Tuesday 22nd November 2022 combined with links to official website, live coverage and PGN file

Event	Site	FED	UK Time	Rd
Web	Live	PGN		

Other Large Databases

Chess Mail



Editor: Dr Tim Harding



© Dr Tim Harding

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Last modified:
29 July 2022



[Email Tim](#)

UltraCorr: "the best correspondence chess database in the world"

The 2022 edition of our UltraCorr correspondence chess database is now withdrawn from sale. This is because sales generally dry up mid-summer when few players are starting new tournaments.

So you will have to wait for the 2023 edition, expected to be ready mid-January.

One satisfied customer, Australian GM Max Illingworth (of the Illingworth Chess Academy), called our 2021 edition "... the best correspondence chess database in the world." He was one of the first to buy the new 2022 edition.

Our UltraCorr series is the only CC database edited by an acknowledged expert in chess history and correspondence chess. ICCF Senior International Master Tim Harding has already done many hours work on the 2023 edition but we always wait for various CC servers to release their annual archives before finalising the content.

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Server month 202210

Server month 202209

Server month 202208

Server month 202207

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Server month 202204

Server month 202203

Server month 202202

Server month 202201

Server Year 2021 all games ended in 2021

Server Year 2020 all games ended in 2020 updated 19/01/2022

Server Year 2019 all games ended in 2019 updated 01/01/2021

Server Year 2018 all games ended in 2018 updated 01/01/2020

Server Year 2017 all games ended in 2017 updated 01/01/2019

Server Year 2016 all games ended in 2016 updated 01/01/2019

Server Year 2015 all games ended in 2015 updated 01/01/2018

Chess 960 2021 2021

Chess 960 2020 2020 updated 19/01/2022

Chess 960 2019 2019 updated 01/01/2021

Chess 960 2018 2018 updated 01/01/2020

Chess 960 2017 2017 updated 01/01/2019

Chess 960 2016 2016 updated 01/01/2018

Chess 960 2015 2015 updated 01/01/2018

The largest database

Chess Cloud Database Query Interface

☐ Black move
☒ White move

































Black Castling
☒ O-O
☒ O-O-O








White Castling
☒ O-O
☒ O-O-O








☒ Rules
☐ Hide Info





















☐ AI Black
☐ AI White

AI Strategy

	a	b	c	d	e	f	g	h
8								
7								
6								
5								
4								
3								
2								
1								
	a	b	c	d	e	f	g	h

Move	Rank	Score	Notes
 e4	2	0	! (20-03)
 d4	2	0	! (20-03)
 Nf3	2	0	! (20-04)
 c4	2	0	! (20-06)
 Nc3	2	0	! (20-06)
 g3	2	0	! (20-07)
 c3	2	0	! (20-09)
 a3	2	0	! (20-09)
 e3	2	0	! (20-10)
 h3	2	0	! (20-11)
 d3	2	0	! (20-12)
 a4	2	0	! (20-12)
 b3	2	0	! (20-13)
 b4	2	0	! (20-13)
 f4	2	0	! (20-14)
 h4	0	-11	? (20-01)
 Na3	0	-27	? (20-01)
 Nh3	0	-30	? (20-02)
 f3	0	-40	? (20-03)
 g4	0	-124	? (20-01)

Chinese Neural Net Database: https://www.chessdb.cn/queryc_en/

Tools for the Opening



Notation + Openings Book

Edwards,Jon 2528-corr - Fleetwood,Daniel 2553-corr

12...Bg7 13.0-0
[13.0-0-0 b5 14.Kb1 0-0]
13...b6 transposing
[13...b5 14.a4 bxa4 15.Rxa4 Nb6 16.Ra5 Rb8 17.Rd1

Kibitzer: Houdini 6.03 Pro x64-popc

Houdini 6.03 Pro x64-popc

= 0.21 Depth=21/43 14.h3 (3/44) 52823 k

1. = (0.21): 14.Kh1 0-0 15.Rae1 Re8 16.c4 Rc8 17.Na1 e4 18.b3 exf3 19.
2. = (0.15 ++): 14.h3 0-0 15.Rac1 Re8 16.c3 Qc8 17.c4 Qd8 18.Bg5 Qc
3. = (0.00): 14.c3 0-0 15.h3 Re8 16.Rac1 Qc8 17.Rcd1 Rb8 18.a3 b5 19.
4. = (0.00): 14.c4 0-0 15.Rad1 Rc8 16.h3 Re8 17.Nc1 Nh7 18.Bd3 Nh6
The position is equal

Disconnect Settings

14.h3 0-0 15.Rac1 0.41 depth=51 Stockfish 11 20.1
14.Kh1 h4 15.Bg5 0.17 depth=53 Stockfish 15 19.1
14.a4 0-0 15.Rad1 0.05 depth=61 Stockfish 170822 27.0
Visits=348017



Notation + Openings Book

Edwards,Jon 2528-corr - Fleetwood,Daniel 2553-corr

B90 Kurt Stein Memorial A 29.05.2022 [Edwards,Jon]

37.Ra2 Rbc8 38.Kf1 g6 39.Ke1 Rc3 40.Rf2 Rd8 41.Ra1 Kg7 42.Kf1
Rdc8 43.Rc1 R8c4 44.Kg2 Rc5 45.Re2 Kh6 46.Kf2 1/2-1/2 (46) Edwards,J
(2530)-Punzón Moraleda,J (2502) ICCF 2020]

9...Bxd5 10.exd5 g6 11.Qd2 Nbd7 12.Be2
[12.c4 Bg7 13.Be2 b6]

12...Bg7 13.0-0
[13.0-0-0 b5 14.Kb1 0-0]

13...b6 transposing
[13...b5 14.a4 bxa4 15.Rxa4 Nb6 16.Ra5 Rb8 17.Rd1 0-0 18.Bxa6 Qc7
19.Qc3 Qe7 20.h3 e4 21.Bg5 Nbd7 22.f4 Qd8 23.f5 gxf5 24.Be2 Rc8
25.Qg3 Rxc2 26.Rb5 e3 27.Bd3 Rxb2 28.Bh6 Ne8 29.Nd4 Rxb5 30.Bxb5
e2 31.Bxe2 Qf6 32.Bf4 Qg6 ♠ ♠ (32) Romero Rodrí guez,J (2375)-Triay
Moll,L (2367) ICCF 2020]

Stockfish 15: 3) 14.a4
[Stockfish 15: 1) 14.Kh1 Tim Murray notes ...h4 may be possible here. 0-0

LiveBook

Move	Games	Result	Elo-Av	Date	Evaluation	Visits	[%]	My Moves
14...0-0	11	36%	2559	2022-Nov-11	=	13960	97	
14...a5	3	33%	2426	2022-Jul-18	±	188	1	
14...Qc7	1	0%	2398	2019	---	158	1	
14...Nc5	0	-	-	2018	---	12	0	
14...Qc8	0	-	-	2022-Aug-17	---	25	0	
14...Qb8	0	-	-	2020	---	4	0	
14...h4	0	-	-	2022-May-4	---	91	1	

Let's Check

LiveBook

Tools for the Opening



Notation + Openings Book

Edwards,Jon 2528-corr - Fleetwood,Daniel 2553-corr

12...Bg7 13.0-0
[13.0-0-0 b5 14.Kb1 0-0]
13...b6 transposing
[13...b5 14.a4 bxa4 15.Rxa4 Nb6 16.Ra5 Rb8 17.Rd1

Kibitzer: Houdini 6.03 Pro x64-popc

Houdini 6.03 Pro x64-popc

= 0.21 Depth=21/43 14.h3 (3/44) 52823 k

1. = (0.21): 14.Kh1 0-0 15.Rae1 Re8 16.c4 Rc8 17.Na1 e4 18.b3 exf3 19.
2. = (0.15 ++): 14.h3 0-0 15.Rac1 Re8 16.c3 Qc8 17.c4 Qd8 18.Bg5 Qc
3. = (0.00): 14.c3 0-0 15.h3 Re8 16.Rac1 Qc8 17.Rcd1 Rb8 18.a3 b5 19.
4. = (0.00): 14.c4 0-0 15.Rad1 Rc8 16.h3 Re8 17.Nc1 Nh7 18.Bd3 Nh6
The position is equal

Disconnect Settings

14.h3 0-0 15.Rac1 0.41 depth=51 Stockfish 11 20.1
14.Kh1 h4 15.Bg5 0.17 depth=53 Stockfish 15 19.1
14.a4 0-0 15.Rad1 0.05 depth=61 Stockfish 170822 27.0
Visits=348017



Notation + Openings Book

Edwards,Jon 2528-corr - Fleetwood,Daniel 2553-corr

B90 Kurt Stein Memorial A 29.05.2022 [Edwards,Jon]

37.Ra2 Rbc8 38.Kf1 g6 39.Ke1 Rc3 40.Rf2 Rd8 41.Ra1 Kg7 42.Kf1
Rdc8 43.Rc1 R8c4 44.Kg2 Rc5 45.Re2 Kh6 46.Kf2 1/2-1/2 (46) Edwards,J
(2530)-Punzón Moraleda,J (2502) ICCF 2020]

9...Bxd5 10.exd5 g6 11.Qd2 Nbd7 12.Be2
[12.c4 Bg7 13.Be2 b6]

12...Bg7 13.0-0
[13.0-0-0 b5 14.Kb1 0-0]

13...b6 transposing
[13...b5 14.a4 bxa4 15.Rxa4 Nb6 16.Ra5 Rb8 17.Rd1 0-0 18.Bxa6 Qc7
19.Qc3 Qe7 20.h3 e4 21.Bg5 Nbd7 22.f4 Qd8 23.f5 gxf5 24.Be2 Rc8
25.Qg3 Rxc2 26.Rb5 e3 27.Bd3 Rxb2 28.Bh6 Ne8 29.Nd4 Rxb5 30.Bxb5
e2 31.Bxe2 Qf6 32.Bf4 Qg6 ♠ ♠ (32) Romero Rodrí guez,J (2375)-Triay
Moll,L (2367) ICCF 2020]

Stockfish 15: 3) 14.a4
[Stockfish 15: 1) 14.Kh1 Tim Murray notes ...h4 may be possible here. 0-0

LiveBook

Move	Games	Result	Elo-Av	Date	Evaluation	Visits	[%]	My Moves
14...0-0	11	36%	2559	2022-Nov-11	=	13960	97	
14...a5	3	33%	2426	2022-Jul-18	±	188	1	
14...Qc7	1	0%	2398	2019	---	158	1	
14...Nc5	0	-	-	2018	---	12	0	
14...Qc8	0	-	-	2022-Aug-17	---	25	0	
14...Qb8	0	-	-	2020	---	4	0	
14...h4	0	-	-	2022-May-4	---	91	1	

Let's Check

LiveBook

Preparation

The screenshot shows the ChessBase software interface, specifically the 'Prepare against Black' window. The interface is divided into several sections:

- Menu Bar:** File, Home, Insert, Board, Report, Analysis, Training, View.
- Toolbar:** Contains icons for Paste Position, Copy Game, Copy Position, New Game, Undo, Redo, Online, Hard Disk, Correspondence Data, In this Game, Remove All Kibitzers, Edit Game Data, Load Previous Game, Load Next Game, Back, Forward, View Game History, Game History.
- Chessboard:** A standard 8x8 chessboard with pieces in their starting positions.
- Reference Panel:** A table showing game statistics for various moves. The table has columns: Moves, Games, Score, Last played, Hot, Best player, White, Elo W, Black, Elo B, Result, Year, and Notation.
- Notation + Openings Book Panel:** A panel showing the current game notation and the opening book. The notation is: 1.d4 d5 2.c4 c6 3.Nf3 Nf6 4.e3 e6 5.Nbd2 Nbd7 6.b3 Bd6 7.Bb2 0-0 8.Bd3 b6 9.0-0 Bb7 10.Qe2 c5 11.Rad1 Ne4 12.cxd5 exd5 13.Ba6 Bxa6.
- Main Line Panel:** A panel showing the main line of the game, with a search bar and a list of moves.

The Reference Panel table is as follows:

Moves	Games	Score	Last played	Hot	Best player	White	Elo W	Black	Elo B	Result	Year	Notation
1.e2-e4	115	47.4%	2020		Hamar	Weber	2544	Fleetwood	2570	1/2-1/2	2020	1.d4 Nf6 2.c4 e6 3.Nc3 B
1.d2-d4	78	47.4%	2020		Van Oo	Rallabandi	2503	Fleetwood	2570	1/2-1/2	2020	1.c4 e5 2.Nc3 Nf6 3.Nf3
1.Ng1-f3	16	43.8%	2019		Windet	Novak	2488	Fleetwood	2570	1/2-1/2	2020	1.d4 d5 2.Nf3 Nf6 3.c4 c
1.c2-c4	13	38.5%	2020		Zhak, C	Acevedo Villal.	2513	Fleetwood	2570	1/2-1/2	2020	1.d4 d5 2.c4 c6 3.Nf3 Nf
1.f2-f4	1	0.0%	1997			Pessoa	2517	Fleetwood	2576	1/2-1/2	2020	1.e4 c5 2.Nf3 Nc6 3.Bb5
1.g2-g3	1	0.0%	1989			Busemann	2581	Fleetwood	2576	1/2-1/2	2020	1.d4 d5 2.Bf4 c5 3.e3 cxc
1.b2-b4	1	50.0%	2000		Gomez	Osipov	2416	Fleetwood	2576	1/2-1/2	2020	1.e4 c5 2.Nf3 Nc6 3.Bb5
						Straka	2542	Fleetwood	2576	1/2-1/2	2020	1.d4 d5 2.c4 dxc4 3.Nf3
						Tleptsok	2571	Fleetwood	2576	1/2-1/2	2020	1.d4 d5 2.c4 c6 3.Nf3 Nf
						Novikovas	2527	Fleetwood	2576	1/2-1/2	2020	1.e4 c5 2.Nf3 Nc6 3.d4 c
						Blanco Gramaj.	2495	Fleetwood	2582	1/2-1/2	2019	1.d4 d5 2.Nf3 Nf6 3.Bf4
						Panitevsky	2535	Fleetwood	2582	1/2-1/2	2019	1.e4 c5 2.Nf3 Nc6 3.Bb5
						Bauer	2571	Fleetwood	2582	1/2-1/2	2019	1.Nf3 Nf6 2.d4 d5 3.Bf4
						Korabliov	2474	Fleetwood	2582	1/2-1/2	2019	1.e4 c5 2.Nf3 Nc6 3.Nc3
						Tarrio Ocana	2450	Fleetwood	2582	1/2-1/2	2019	1.d4 Nf6 2.c4 e6 3.Nf3 d
						Busemann	2580	Fleetwood	2581	1/2-1/2	2019	1.e4 c5 2.Nf3 Nc6 3.Bb5
						Staroske	2521	Fleetwood	2581	1/2-1/2	2019	1.e4 c5 2.Be2 Nc6 3.f4 g
						Kurth	2528	Fleetwood	2581	1/2-1/2	2019	1.d4 d5 2.Bf4 Nf6 3.e3 c!
						Oliveira	2586	Fleetwood	2581	1/2-1/2	2019	1.d4 d5 2.c4 dxc4 3.Nf3
						Murray	2564	Fleetwood	2581	1/2-1/2	2019	1.c4 e5 2.Nc3 Nf6 3.Nf3
						Schilcher	2567	Fleetwood	2581	1/2-1/2	2019	1.e4 c5 2.Nf3 Nc6 3.Bb5
						Wunderlich	2580	Fleetwood	2581	1/2-1/2	2019	1.d4 d5 2.Bf4 c5 3.e3 cxc
						Koegler	2546	Fleetwood	2583	1/2-1/2	2018	1.e4 c5 2.Nf3 Nc6 3.d4 c
						Hamarat	2518	Fleetwood	2583	1/2-1/2	2018	1.d4 Nf6 2.c4 e6 3.Nf3 d
						Banet	2512	Fleetwood	2583	1/2-1/2	2018	1.Nf3 Nf6 2.c4 e6 3.d4 d
						Zhak	2531	Fleetwood	2583	1/2-1/2	2018	1.d4 d5 2.c4 dxc4 3.e4 e
						Cluegel	2509	Fleetwood	2583	1/2-1/2	2018	1.e4 c5 2.Nc3 Nc6 3.Nf3
						Loinjak	2572	Fleetwood	2583	1/2-1/2	2018	1.d4 d5 2.c4 dxc4 3.Nf3
						Helbich	2517	Fleetwood	2583	1/2-1/2	2018	1.Nf3 Nf6 2.c4 e6 3.d4 d

Preparing for an Opponent

Preparation

Edwards, Jon (2528) - Fleetwood, Daniel (2553), Kurt Stein Memorial A B90 (Edwards, Jon)

File Home Insert Board Report Analysis Training View

Paste Position Paste Game Copy Game Copy Position Clipboard

Undo Redo New Game

Online Hard Disk

ICCF Archive Complete In this Game

Repertoire White Repertoire Black Find Position

Remove All Kibitzers

Default Kibitzer Add Kibitzer Remove Kibitzer

Engine Management Create UCI Engine

Edit Game Data Load Previous Game Load Next Game Database

Back Forward View Game History Game History

Notation + Openings Book

Notation Reference Table Training Score sheet LiveBook Openings Book

Moves	Games	Score	Last pla...	Hot	Best players	Frequent players
15.Ra1-e1	936	49.3%	2022		Finocchiaro, Zhak, Fagerström, Bro...	Nekhaev, Walter, Pant...
15.Ra1-d1	195	49.0%	2020		Daubenfeld, Turkov, Rubinas, Carlss...	Grigoryev
15.Kg1-h1	188	50.5%	2021		Lecroq, Fleetwood, Müller, D'Adamo	
15.h2-h3	154	47.4%	2021		Dunlop, Müller, Voll, Nefedov	Elent, Dunlop
15.Ra1-c1	113	43.8%	2020		Casabona, Olofsson, Churkin, Daub...	
15.Be2-d3	23	43.5%	2014		Fagerström, Daubenfeld	
15.Rf1-e1	19	50.0%	2015		Szymanski	
15.Qd2-e1	9	27.8%	2016		Stöckert, Ciucurel	
15.Ra1-b1	8	37.5%	2019		Cruzado Dueñas, Epure	
15.Be3-g5	6	25.0%				
15.a2-a4	5	20.0%				
15.Qd2-b4	2	50.0%				
---	1	50.0%				
15.Be3-f2	1	100.0%				

White Elo W Black Elo B Result Year

Brodde	2581	Tleptsok	2570	1/2-1/2	2020
Casabona	2581	Stephan	2540	1/2-1/2	2020
Müller	2570	Mendl	2536	1/2-1/2	2019
Lecroq	2592	Sváček	2559	1/2-1/2	2017
Dunlop	2496	Pappier	2491	1/2-1/2	2021-Oct
Wunderlich	2572	Tleptsok	2533	1/2-1/2	2018
Daubenfeld	2510	Tleptsok	2571	1/2-1/2	2020
Achatz	2439	Bleker	2451	1/2-1/2	2022-Jun
Finocchiaro	2617	Bubir	2591	1/2-1/2	2014
Petrov	2452	Lobanov	2534	1/2-1/2	2021-Nov
Kunzelmann	2466	Serazeev	2519	1/2-1/2	2021-Sep
Finocchiaro	2576	Sferle	2498	1/2-1/2	2018
Dunlop	2537	Badolati	2520	1/2-1/2	2019
Zhak	2605	Bock	2545	1/2-1/2	2015
Yeo	2477	Delizia	2522	1/2-1/2	2021
Petrov	2452	Pierzak	2514	1/2-1/2	2021-Nov
Petrov	2450	Moll	2543	1/2-1/2	2021
Schneider	2511	Moll	2557	1/2-1/2	2019
Badolati	2519	Tsygankov	2494	1/2-1/2	2020
Epure	2494	Pérez Fernánd..	2437	1/2-1/2	2021
Duchardt	2412	Eastoe	2398	1/2-1/2	2022-Sep
Nefedov	2561	Pasko	2541	1/2-1/2	2017
Pugh	2424	Sýkora	2474	1/2-1/2	2022-Apr
Cornejo	2555	Murray	2555	1/2-1/2	2017
Neß	2540	Jónsson	2557	1/2-1/2	2018
Rodríguez Fra..	2454	Joppich	2467	1/2-1/2	2021-Sep

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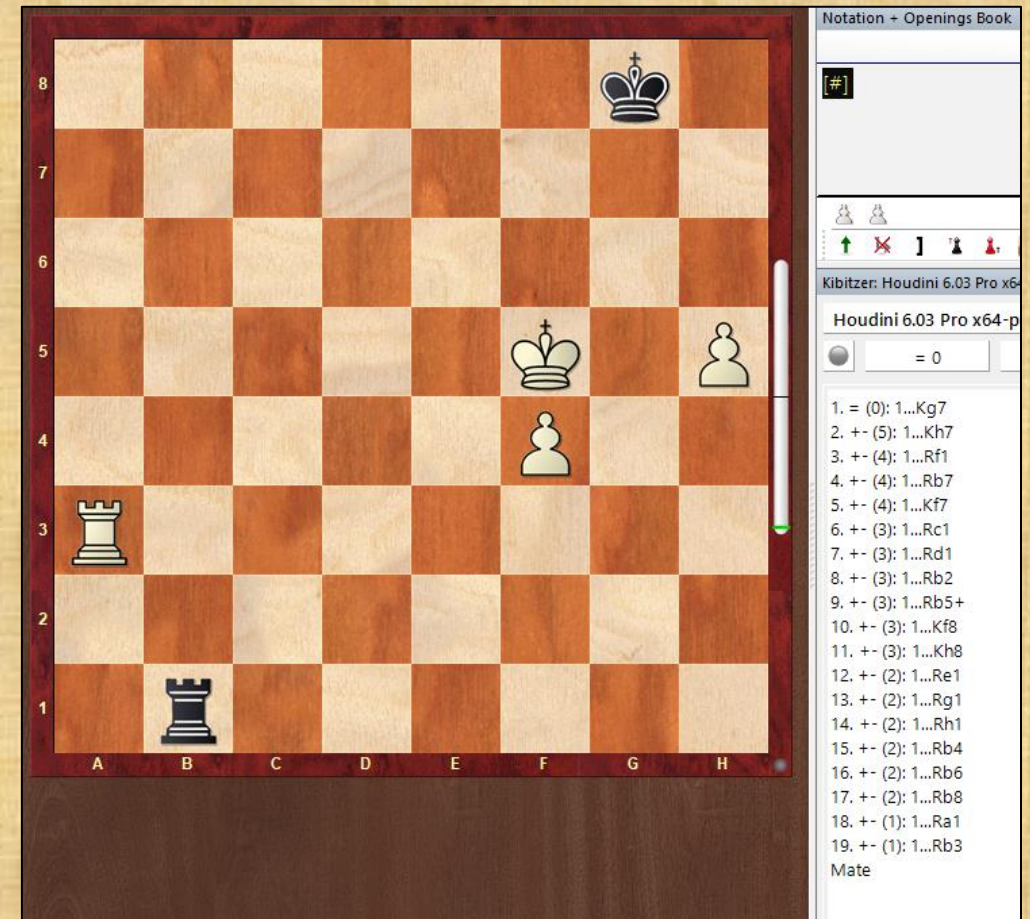
ICCF Archive Complete: Games found = 1660 (100%)

Opening Reference

Tools for Middlegames and Endgames



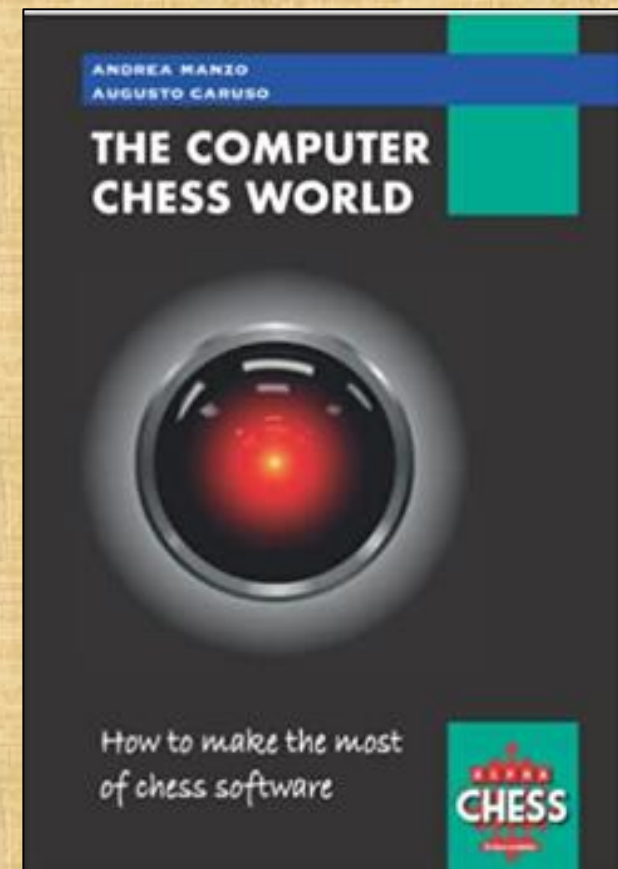
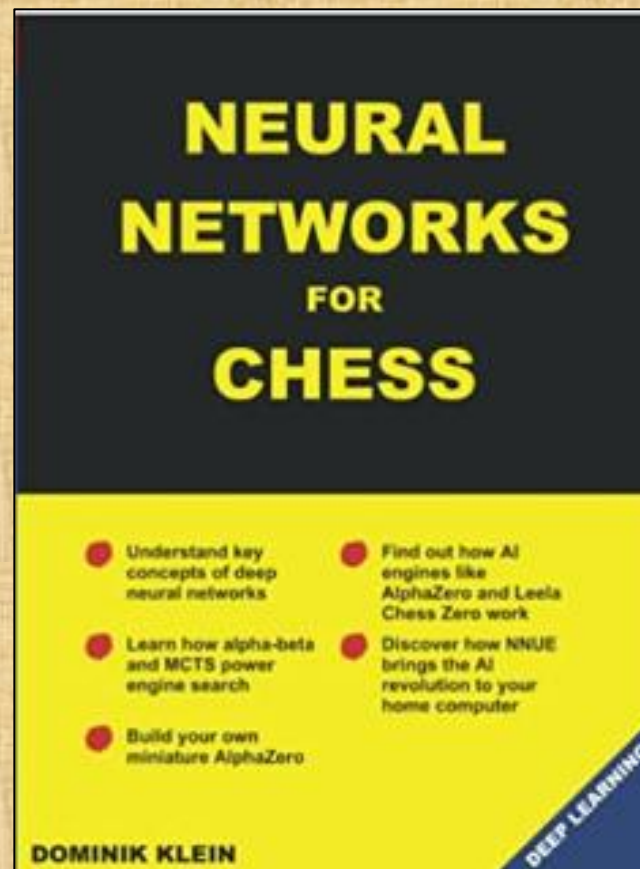
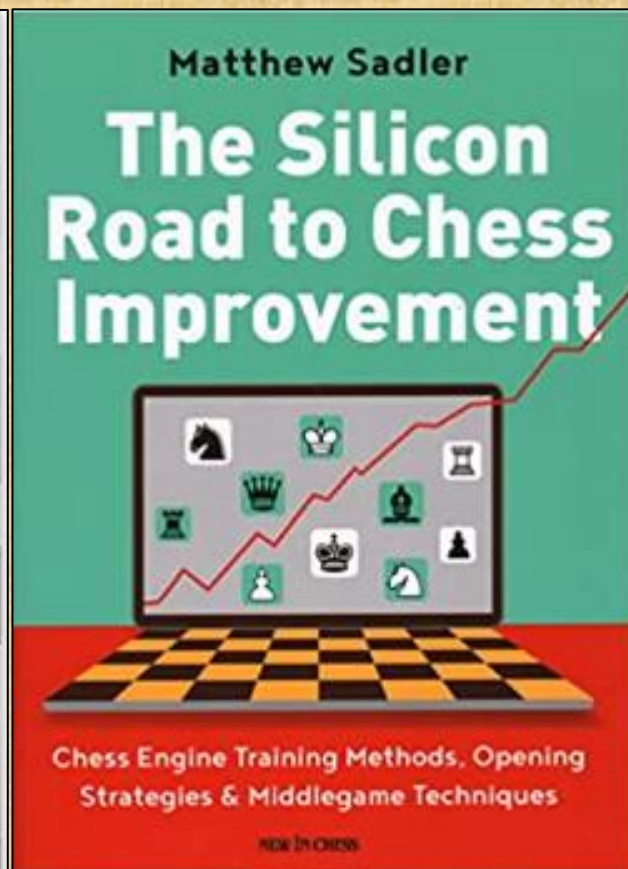
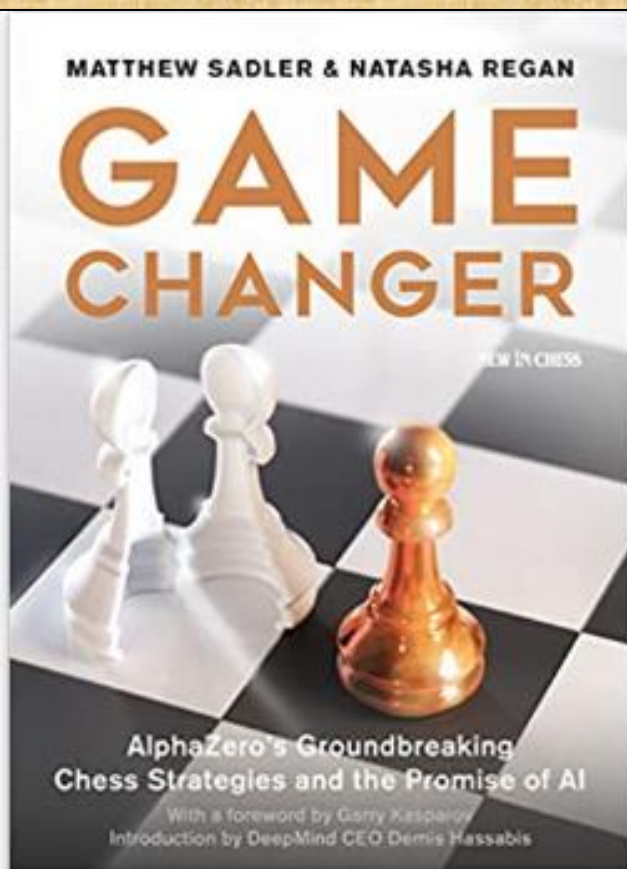
Search for Structures



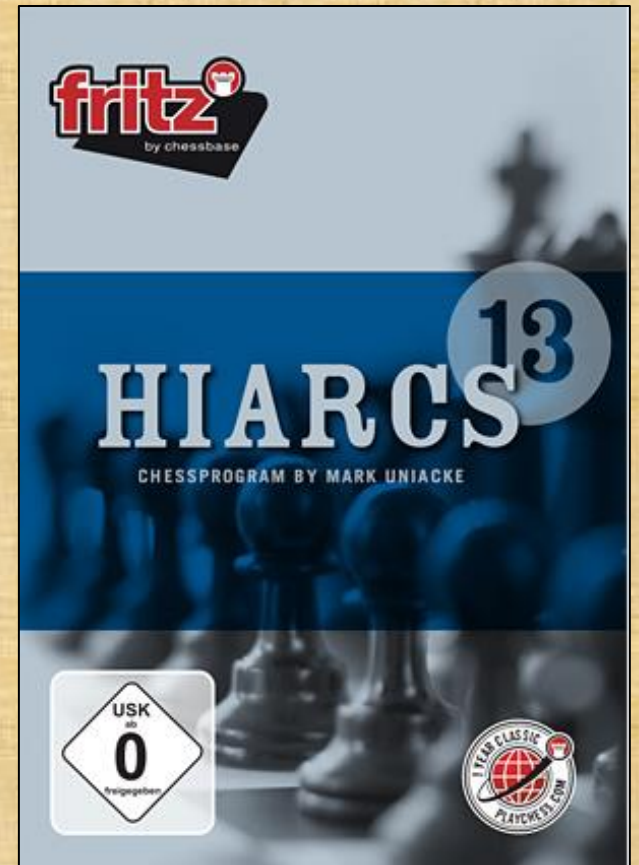
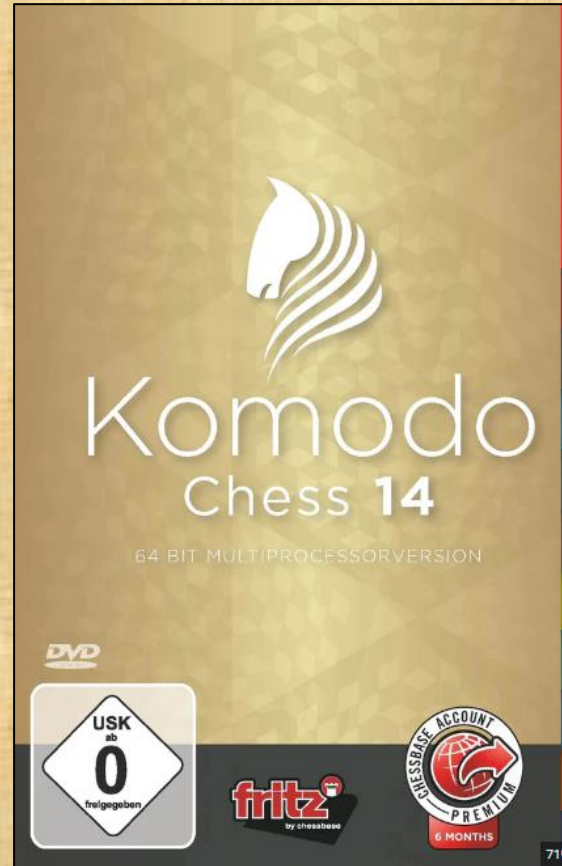
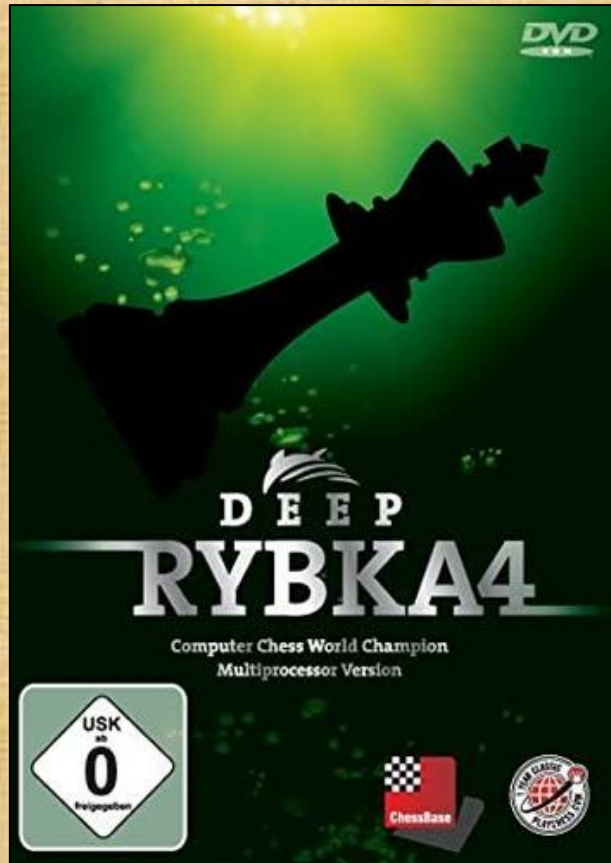
TableBase

Required Reading for Correspondence Masters

No more opening books!



Conventional Engines



The Emergence of Neural Net Engines



These are the questions I am often asked

- Isn't correspondence chess dead?
- How do we know you didn't cheat?
- Why not just let a computer make every move?
- Didn't you just get lucky?
- Won't the player with the most powerful machine win?
- By the way, what's the best engine?

Some questions of my own:

- Why isn't every correspondence player rated 2580?
- Why do neural net engines still beat other neural net engines?
- Why are some correspondence players still winning?
- Is Correspondence Chess the canary in the coal mine?
- You got lucky, right?
- By the way, what engine(s) do you use?



Jon Edwards at home. He is the first American in almost 40 years to win the World Correspondence Chess Championship. Courtesy of Jon Edwards

Even with such a plan, a majority of correspondence games end in a draw because it is nearly impossible to beat an opponent who has access to the defensive resources of a chess engine. Out of the 136 games played in the 32nd World Correspondence Chess Championship, 119 were draws. What's more, when games are decisive, this is sometimes because of human error.

Jon Edwards

Jedwards.chess@gmail.com



Jon Edwards wins the 32nd World Correspondence Chess Championship

by Albert Silver

[I like it!](#) | [5 Comments](#)

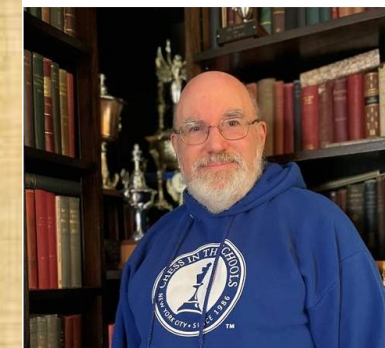
11/20/2022 – It has been nearly 40 years since an American last emerged victorious in the World Correspondence Chess Championship, but GM Jon Edwards has succeeded by winning the 32nd edition. While not a little remarkable, Jon Edwards holds another lesser known title: owner of the largest chess stamp collection in the world.



Oct 11, 2022

JON EDWARDS' NEW ICCF WORLD CHAMPION!!

We welcome **Jon Edwards** to the two smallest fraternities in US chess. Jon has become only the third US player to achieve the title of World Correspondence Chess Champion, achieved in the World Correspondence Championship 32 Final. Concomitant to the victory is the title of ICCF Grandmaster where Jon becomes only the 14th US titleholder.



Please join me and the whole Correspondence Chess community (as evidenced in Dr. Staroske's letter included below) in congratulating Jon on this signal achievement.