

Retro Solving – Alba Iulia WCCC 2025

General

Tournament: Retro Solving, 1 round, 8 problems, 120 minutes

Director and problems selection: Vlaicu Crișan

Date/Time: July 7th 2025.

See information on the official website, [Information→Competitions](#) or in the Schedule

Stipulations

Help Retractor: Both White and Black alternatively retract (take back) the specified number of moves after which the forward (help) stipulation may be achieved.

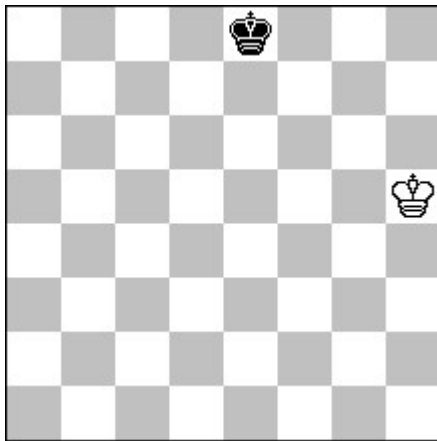
Illegal Cluster: Add the specified pieces in the given position to create an illegal position that becomes legal as soon as one piece (except a King) is removed.

Last single moves: Find the completely determined single moves from the given position. A single move is completely determined when we know the departure and arrival squares and the captured enemy unit (if any).

Proca Retractor: White and Black retract (take back) a given number of moves (-n moves) to reach a position in which a forward stipulation (e.g. #1, s#1) is met. Proca is a defensive retractor. Given a choice, Black will retract those moves that avoid or delay White's goal. Black may also defend by realizing the goal against White through a forward move, if such an opportunity exists after one of Black's retractions. Unless otherwise specified, forward defense is the default condition of Proca Retracors

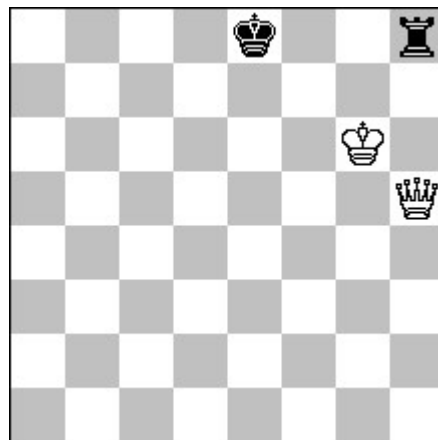
[Shortest] Proof Game: Legal chess game reaching the given position in the specified number of moves. When the number of moves is integer, both White and Black play the same number of moves. When the number of moves ends with .5 it means that White plays one move more than Black.

Dr. Julio Sunyer
The Chess Amateur 1923



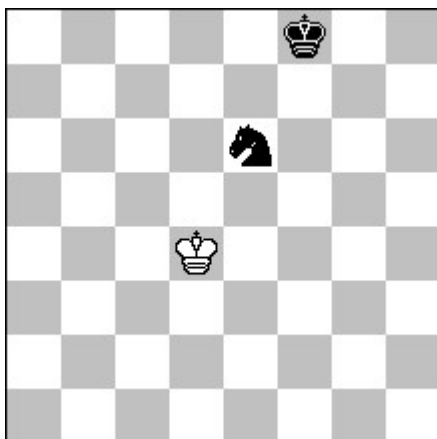
(1 + 1) -1 White and -1 Black, then H#1

Retract: -1.Kg6:Rh5 Rh8:Qh5



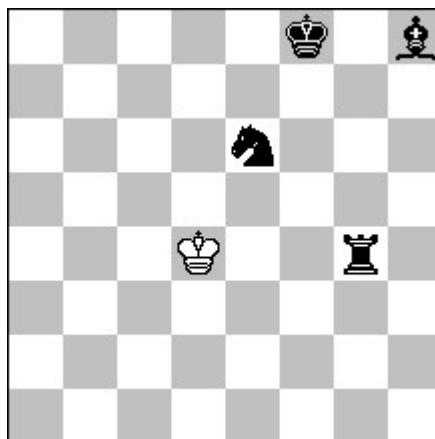
Forward: 1.0-0 Qh7#

T. R. Dawson
The Problemist Fairy Suppl. 1933



(1 + 2) Add bR bB for an Illegal Cluster

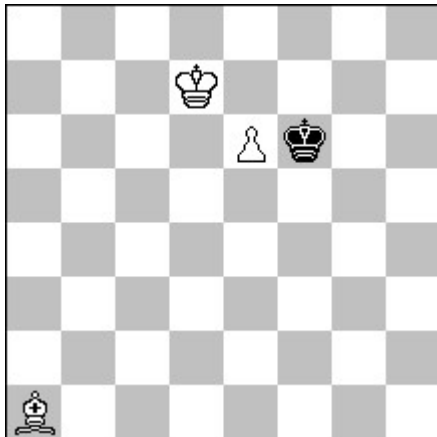
Solution
+bRg4 +bBh8



The wK is under an impossible triple check:

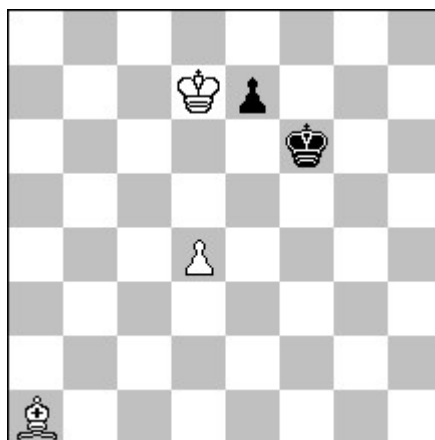
- Without bSe6: last move -1...Rg7-g4++
- Without bBh8: last move -1...Sf4-e6++
- Without Rg4: last move -1...Sg7-e6++

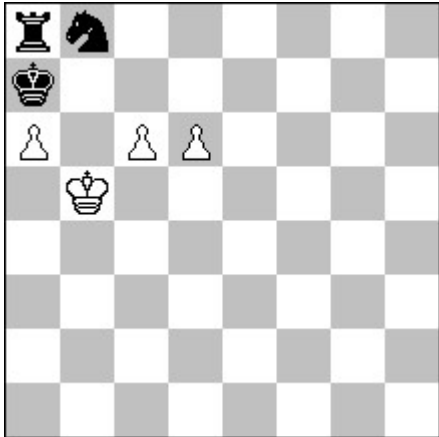
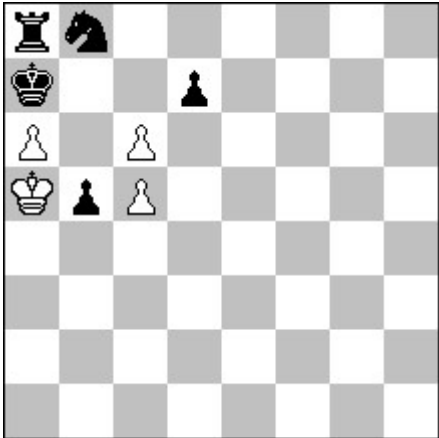

Niels Høeg
Skakbladet 1916



(3 + 1) Last 3 single moves

Retract: -1.d5:Pe5 ep.+ e7-e5 -2.d4-d5+



<p>F. Kadner The Fairy Chess Review 1939</p>  <p>(4 + 3) -2 & #1 Proca Retractor</p>	<p>Retract: -1.c5:Pd5 ep. d7-d5 -2.Ka5:Pb5</p>  <p>(Black last move: -2...b7-b5) Forward: 1.c5:b5 ep. #</p>
<p>Ernest Clement Mortimer Shortest Proof Games 1991 Version by Andriy Frolkin</p>  <p>(15 + 13) SPG 4.0</p>	<p>1.Sf3 e5 2.S:e5 Se7 3.S:d7 Sec6 4.S:b8 S:b8</p>