# 2019-2021 WCCI entries - threemovers 

## Mihailo Stojnic

All problems appeared during 2019-2021 period at:
https://sites.google.com/view/mihailoswebsite/mihailos-chess-composition

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Set play (Secondary corrections by Sf5):
1...S~(a) 2.c4+(A)(2.Bxe7(D)? Qxd4!) Kxd4 3.Bxg7\#(B)
1...Se3(c)! 2.Bxe7(D) ~ 3.Sf6\#(E) (2...Qxd4??)
$1 \ldots \operatorname{Sxd} 4(\mathrm{~b})!!2 . \operatorname{Bg} 7(\mathbf{B}) \sim 3 . c 4 \#(\mathbf{A})$
1...gxf3(d) 2.Sf6+(E) exf6 3.Qxf3\#
1...Q~!

Solution (Reciprocal (almost Tura); secondary corrections by Sf5; black queen corrective focus):
1.Sf2! zugzwang
1...S~(a) 2.Bg7(B)(2.Sd3(C)? Qxd4!) ~3.c4\#(A)
1...Se3(c)! 2.Sd3(C) ~ 3.Sb4,Sf4\# (2...Qxd4??)
2...Sg2 3.Sb4\#
2...Sxc2 3.Sf4\#
2...gxf3 3.Qxf3\#(F)
1...Sxd4(b)!! 2.c4+(A) Kc5 3.Sd3\#(C)
1...gxf3(d) 2.Qxf3\#(F)
1...Qg2(f)!,Qxf1!,Qxh1! 2.Sd3(C)(fxg4+(I)?) ~ 3.Sb4,Sf4\#
2...Qc1 3.Sb4\#
2...Qb1 3.Sf4\#
2...Sxd4 3.c4\#(A)
1...Qxf2(g)! 2.fxg4+(I)(Sd3(C)??) Qf3 3.Qxf3\# 2...Qg2 3.Qxg2\#
1...Qxg3 2.Sd3(C),fxg4+(I)

Additional tries (Zagoruiko; Dombrovskis):
1.Rd2? ~ 2.c4\#(A)
1...Sxd4(b) 2.f4(H) ~3.c4\#(A)
2...Qg2(g),Qxf1,Qxh1 3.Rxd4\#(J)
$1 . . . \mathrm{Qxd} 4(\mathrm{e}) 2 . \mathrm{c} 4+(\mathbf{A}) \mathrm{Ke} 53 . \mathrm{f} 4 \#(\mathbf{H})$
But 1...Qxf1!
1.Sxd6? ~ 2.Re5\#
1...Se3(c) 2.Sc8(G) ~ 3.Sxe7,Sb6\#
2...gxf3 3.Qxf3\#
2...Sc4 3.Sxe7\#
1...Qxg3,Qe3 2.f3~+

But 1...Qxd4! exd6!
1.Bxe7? ~2.Sf6\#(E)

But 1...Qxd4(e)!
1.fxg4(I)? ~ 2.Sf6\#
1...Qg2(f) 2.Sf6+(E) exf6 3.Qxg2\#
1...Qxd4(e) 2.Sf6+(E) Kc5 3.Qc6\#

But 1...Qxh1!
1.f4(H)? ~ 2.Sf6\#
1...Qxd4(e) 2.Sf6+(E) Kc5 3.Qc6\#

But 1...Qxh1!
1.Rf2? zugzwang
1...Qg2(f), Qxf2(g),Q~,Qa1 2.c4+(A) Kxd4 3.Q(x)a1\#

But 1...Q~1!
1.Rd1!? ~ 2.c4\#
1...Qxd4 2.c4+ Ke5 3.f4\#

But 1...Qxd1!
Comment: Reciprocal change of white continuations (A,B) after secondary corrections (a,b). 3 changed continuations ( 2 of them quiet) after a random move, primary, and secondary corrections ( $a, b, c$ ). 4 changes overall after ( $a, b, c, d$ ). In the set play continuations are provided on all black moves except $1 . . \mathrm{Q} \sim$ and all 4 continuations set before the key are changed after the key. Reciprocal changes are almost Tura like ( $\mathbf{7}$ out of 8 continuations are from the Tura reciprocal scheme). Additional tries complete Zagoruiko $\mathbf{3 x} \mathbf{2}$ after (b,c) distributed over 4 phases and 2x Dombrovskis (Ab,Ee). 3x Reciprocal change of white 2 nd and 3 rd moves (AB-BA in the set play, AC-CA in the post key play, and AH-HA in additional try 1.Rd2?). Direct/indirect white half-battery play with a triple clearance along the battery line a1-c6 after (e) in try 1.fxg4(I)? Two additional white continuations changes after (f,g) between solution and try 1.Rf2? with a Ruchlis transfer (A), and a Zagoruiko $\mathbf{3 x 1}$ after (g). Dombrovskis ( $\mathbf{A g}$ ) with changed mate ( $\mathbf{J}$ ) in try 1.Rd2? extends the Zagoruiko after (g) to $\mathbf{4 x} \mathbf{1}$. Dualistic nature of black queen focus is minimized with only one defense $1 \ldots \mathrm{Qxg} 3$ where both (C,I) follow.

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Set play (Thematic continuations follow Sb6 corrections):
1...Sa8(Sb~(f)) 2.Sd6+(B) Kxe5 3.Sdxc4\#

> 2...Sxf8,Bxf8 3. Rxe4\#(A)
> 2.Qxa8 ~ 3.Qxe4,Rxe4\#
1...Sc8!,Sa4! 2.Sd6+(B)(Qxa8?) Kxe5 3. Sdxc4\# 2...Sxf8,Bh6~3.Rxe4\#(A)
1...Sd5(e)!! 2.Rxe4+(A)(Sd6+(B)?) Kxe4 3.Sd6\#(B)
1...Se7!! (2.Sd6+(B) Sf6+! 3.Rxe4\#(A)??)

Thematic try 1 (Corrective play by Sg6):
1.Bxe6? ~ 2.Sxg6\#
1...Sh4(a),(Sg~) 2.Rxe4+(A) Kxe4 3.Sd6\#(B)
1...Sxe5(b)! 2.Sd6+(B) Bxf8,Sf7 3.Rxe4\#(A)
1...f2 2.Rxe4+ Kxe4 3.Sd6\#

But 1...Sxf8(c)!
Solution (Tura reciprocal; corrections by Sg6):
1.Qd1! ~ 2.Qxf3\#
1...Sh4(a)(Sg~) 2.Sd6+(B) Bxf8,Kxe5,Sf5 3.Rxe4\#(A)
1...Sxe5(b)! 2.Rxe4+(A) Kxe4 3.Sd6\#(B)
1...Rf2,(R~) 2.Sd6+ Sxf8,Bxf8,Kxe5 3.Rxe4\#
1...Rd2! 2.Bxe3+ Kxe3 3.Qxd2\#

Thematic try 2 (3-mate distributed Zagoruiko -
first transferred change (C); flight giving try):
1.Bh5? ~ 2.Sxg6+(F)/Bxg6(E)
1...Sh4(a), (Sg~) 2.Sxh6+(C) Kxe5 3.Shg4\# 2...Sf5 3.Sg6\#
1...Sxe5(b)! 2.Sd6+(B) Bxf8,Sf7 3.Rxe4\#
1...Bxf8(c) 2.Bxg6(E) ~3.Rxe4\# (threat clearance)
1...Kf5 2.Sxh6+ Kxe5 3.Shg4\# (king's flight)

But 1. ... Sxf8(d)!
Thematic try 3 (3-mate distributed Zagoruiko second transferred change (C); Dombrovskis):
1.Qa5? ~ 2.Sd6+(B) Sxf8,Bxf8 3.Rxe4\#(A)
1...Sxe5(b) 2.Sxh6+(C) Sf7 3.Rxf7\#
1...Bxf8(c) 2.Sxg6+(F)/Sd3+Kxg4 3.Qxg5\# But 1...Sd5(e)!

Additional tries (Fleck; Dombrovskis):
1.Bf5? ~ 2.Rxe4+(A),Bxe4(D), Bxg6(E)
$1 . . \mathrm{Sb} \sim(\mathbf{f}) 2 . \operatorname{Rxe} 4+(\mathbf{A}) \mathrm{Kxf} 53 . \mathrm{Sd} 6 \#(\mathbf{B})$
1...Sxf8(d) 2.Bxe4(D) ~ 3.Bd3,Bc2,Bb1,Bg6,Bh7\#
2...Rd2 3.Bd3\#
1...Bxf8(c) 2.Bxg6(E) 3.Rxe4\#
1...Kxf5 2.Sxh6+ Kxe5 3.Shg4\#

But 1...Sxe5(b)! exf5!

1. Qc3? ~ 2.Bxe3,Qxe3\#

But 1...Sxe5(b)!
1.Qb1? ~ 2.Rxe4,Qxe4\#

But 1...Rc2!
Comment: Tura reciprocal change of white continuations (2.A,3.B $\longrightarrow 2 . \mathrm{B}, 3 . \mathrm{A}$ and 2.B,3.A $\longrightarrow$ 2.A,3.B) after corrective play by $S g 6(\mathrm{a}, \mathrm{b})$ extended (in Thematic tries 2 and 3) to a 3-mate (A,B,C) distributed Zagoruiko 3x2. Also, 2x Dombrovskis, Fleck, and a transfer of thematic continuations pairs $\mathbf{A B} / \mathbf{B A}$ from being continuations on corrective moves in set play to being continuations on different corrective moves in Thematic try 1 and solution to finally being the threats in Thematic try 3 and additional try 1.Bf5. No white pawns.

* Possible 3-mate Zagoruiko schemes:

Scheme 1: 3-mate Cyclic Zagoruiko

| Defenses | Phase 1 | Phase 2 | Phase 3 |
| :---: | :---: | :---: | :---: |
| $\mathbf{a}$ | $\mathbf{A}$ | $\mathbf{B}$ | $\mathbf{C}$ |
| $\mathbf{b}$ | $\mathbf{B}$ | $\mathbf{C}$ | $\mathbf{A}$ |

Scheme 2: Reciprocal 3-mate distributed Zagoruiko

| Defenses | Phase 1 | Phase 2 | Phase 3 | Phase 4 |
| :---: | :---: | :---: | :---: | :---: |
| $\mathbf{a}$ | $\mathbf{A}$ | $\mathbf{B}$ | C |  |
| $\mathbf{b}$ | $\mathbf{B}$ | $\mathbf{A}$ |  | $\mathbf{C}$ |

Scheme 3: Plain 3-mate distributed Zagoruiko

| Defenses | Phase 1 | Phase 2 | Phase 3 | Phase 4 |
| :---: | :---: | :---: | :---: | :---: |
| $\mathbf{a}$ | $\mathbf{A}$ | $\mathbf{B}$ | $\mathbf{C}$ |  |
| $\mathbf{b}$ | $\mathbf{B}$ | $\mathbf{C}$ |  | $\mathbf{A}$ |

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Set play (Corrective play by black pawn c6):
1...c5(a)(c6~) 2.Rxe5(A) ~3.Re4,Sb5\#
2...Qf3(i),Bh7(j) 3.Sb5\#(B) (Dombrovskis, 3.Sb5\#(B) mate follows after 1...Qf3(i))
1...cxd5(b)! 2.Sb5+(B) Kxc4 3.Qc3\#
2...Ke4 3.Rxe5\#(A)

Main thematic try (Tura reciprocal plus Adabashev with three pairs of variants):

1. $\operatorname{Qb} 4(\mathbf{H}) ? \sim 2 . \operatorname{Bxc} 6(\mathbf{E}) / \operatorname{Sd} 2+(\mathbf{F})$
(1...c6~?? 2.Sb5+(B)/Rxe5(A) but no square for c6 to play; corrective dual-avoidances follow below)
1...c5(a)! 2.Sb5+(B)(Rxe5(A)? cxb4!) Kxd5 3.Rxe5\#(A) (Sc3 checking supports 3.Rxe5\# mate)
$1 . . . c x d 5(b)!2 . \operatorname{Rxe} 5(A)(S b 5+(B) ? K d 4!) \sim 3 . \operatorname{Rxd} 5, S b 5 \#$
2...Qf3 3.Sb5\#(B) (quiet rook move 2.Rxe5(A) supports 3.Sb5\# mate)
2...dxc4 3.Re4\#
1...Qd1(c) 2.Sxe5 + Ke3 3.Sf3\#(Sc4\#?) (Siers Q/S battery play; switchback dual-avoidance)
$1 \ldots \mathrm{Qe} 2(\mathrm{~d}) 2 . \mathrm{Sxe} 2+\mathrm{Kxd} 53 . \mathrm{Rxe} 5 \#(\mathrm{~A})$ (Sc3 checking supports 3.Rxe5\# mate)
$1 \ldots \mathrm{~g} 2(\mathrm{e}) 2 . \operatorname{Bxc} 6(\mathrm{E}) \sim 3 . \operatorname{Sb} 5 \#(\mathrm{~B})$ (quiet bishop move 2.Bxc6(E) supports 3.Sb5\# mate)
2...Sxc6 3.Re4\#
1..f3(f) 2.Sd2+(F) Ke3 3.Sf1\#(Sc4\#?) (Siers Q/S battery play; switchback dual-avoidance)
2...Sc4 3.Qxc4\#

But 1...Qxe6!
Solution (Zagoruiko $3 \times 2$ plus $\frac{3}{4}$ fully correctional Pickaninny):
1.Rb5! ~2.Se2+ Qxe2 3.Qb2\#
$1 \ldots \mathrm{c} 5(\mathrm{a})(\mathrm{c} 6 \sim) 2 . \operatorname{Rxc} 5(\mathrm{C}) \sim 3 . \mathrm{Sb} 5 \#$
$1 \ldots \operatorname{cxd} 5(\mathbf{b})!2 . \operatorname{Rxd} 5+(\mathbf{D}) \mathrm{Kxc} 43 . \mathrm{Qc} 5 \#(\mathbf{I})$ (Dombrovskis, 3.Qc5\#(I) mate follows after 1...cxd5(b))
$1 \ldots . \operatorname{cxb} 5(\mathrm{~g})!2 . \mathrm{b} 8 \mathrm{Q}(\mathrm{G})(\mathrm{b} 8 \mathrm{~B} ?) \sim 3 . \mathrm{Qb} 6, \mathrm{Qa} 7 \#$
2...exd6 3.Qb6\#
2...Sd7/xc4/d3 3.Re4\#

Additional tries (Zagoruiko $3 \frac{1}{2} \times 2$, an additional change after $1 \ldots$ Qd1(c), and a pair of Dombrovskis defenses):
1.Se4(J)? ~ 2.Qc5\#(I)
1...cxd5(b) 2.Qc3+(L) Kxe4 3.Rxe5\# (extension to Zagoruiko $\mathbf{3} \frac{1}{2} \mathbf{x} \mathbf{2}$; Dombrovskis, 1...cxd5(b) defends against 2.Qc5\#(I))
1...Kxd5 2.Rxe5+

But 1...exd6!
1.Sa4(K)? ~ 2.Qc5\#

But 1...exd6!

1. $\operatorname{Bxc} 6(\mathbf{E}) ? \sim 2 . \operatorname{Qb} 4(\mathbf{H}) / \mathrm{Se} 4(\mathrm{~J}) / \operatorname{Sxa} 4(\mathrm{~K}) / \mathrm{Sb} 5+(\mathbf{B})$
1...Qd1(c) 2.Sb5+(B) Kxc4 3.Qc3\# (change from 2.Se5+ in try 1.Qb4(H)?)

But 1...Qf3(i)! (Dombrovskis, 1...Qf3(i)! defends against 2.Sb5+(B))
1.Rxe5(A)? ~ 2.Re4\#
1...Qf3(i) 2.Rxc6 ~3.Sb5\#(B)

But 1...Bh7(j)!
$\longrightarrow$ Continued on the next page

Comment: Reciprocal change of white continuations combined with corrective play by Pc6, and Tura reciprocal change of white 2nd and 3rd moves. An Adabashev with three pairs of variants in try 1. $\mathrm{Qb} 4(\mathbf{H})$ ? and extension of reciprocal changes to a complete Zagoruiko $\mathbf{3 x 2}$ in the solution. Complete $\frac{3}{4}$ fully correctional Pickaninny with one random and two correctional moves by pawn c6. Additional tries first complete a full Dombrovsksis with two defenses (1...Qf3(i) and 1...cxd5(b)) and then with an additional change after $1 \ldots$ cxd5(b) also extend Zagoruiko to a $\mathbf{3} \frac{1}{2} \mathbf{x} \mathbf{2}$ form.

## A brief summary:

- Tura reciprocal change after corrective play by pawn c6 between set play and main thematic try 1. Qb4 $(\mathbf{H})$ ?
- An Adabashev with three pairs of variants in main thematic try 1.Qb4(H)?:

1. First Adabashev pair - after $1 \ldots . c 5(\mathrm{a})$ ! and $1 \ldots \mathrm{Qe} 2(\mathrm{~d})$ white maneuvers by Sc 3 to get the black king to d5 and enable mate 3.Rxe5\#(A)
2. Second Adabashev pair - after $1 \ldots . . c x d 5(\mathbf{b})$ ! and $1 \ldots g 2(\mathrm{e})$ white moves quietly (2.Rxe5(A) and 2.Bxc6(E)) to support $3 . \mathrm{Sb} 5 \#(\mathbf{B})$ mate
3. Third Adabashev pair - after 1...Qd1(c) and 1...f3(f) white activates Siers $\boldsymbol{Q} / \boldsymbol{S}$ battery with a careful choice of mating moves, 3.Sf3\# and 3.Sf1\#, that avoid potential switchback 3.Sc4\# duals

- Set play, main thematic try 1.Qb4(H)?, and solution - a Zagoruiko $\mathbf{3 x} \mathbf{2}$ after black corrections 1...c5(a) and 1...cxd5(b)
- Set play and main thematic try - due to the corrective nature of reciprocal changes, one also has 3x secondary Domrovskis; 1...cxd5(b) defends against secondary threat 2.Rxe5(A) in the set play and is followed by the very same move in try $1 . \mathrm{Qb} 4(\mathbf{H}) ? ; 1 \ldots \mathrm{c} 5(\mathrm{a})$ defends against secondary threat 2.Rxe5(A) in try $1 . \mathrm{Qb} 4(\mathbf{H})$ ? and is followed by the very same move in the set play; $1 \ldots \mathrm{cxd} 5(\mathrm{~b})$ defends against secondary threat $2 . \operatorname{Sb} 5+(\mathbf{B})$ in try $1 . \mathrm{Qb} 4(\mathbf{H})$ ? and is followed by the very same move in the set play
- Set play, solution, and two additional tries 1.Se4(J)? and 1.Bxc6(E)? - complete Dombrovskis with two defense/threat(mate) pairs, 1...cxd5(b)/2.Qc5\#(I)) and 1...Qf3(i)/2.Sb5 + (B) (the first of them even with the changed continuation 2.Qc3+(L) after 1...cxd5(b))
- Solution - after sacrificial key 1.Rb5! $\frac{3}{4}$ fully correctional Pickaninny with one random and two correctional moves by pawn c6
- Main thematic try 1.Qb4(H)? - 6 thematic defenses - three pairs of moves on connected/neighboring squares: 1) pawn c6 moves $1 \ldots c 5(\mathbf{a}), 1 \ldots \mathrm{cxd} 5(\mathrm{~b}) ; 2)$ queen moves $1 \ldots \mathrm{Qd} 1(\mathrm{c}), 1 \ldots \mathrm{Qe} 2(\mathrm{~d})$; and 3$) \mathrm{g}$ - and f-file pawns moves $1 \ldots \mathrm{~g} 2(\mathrm{e}), 1 \ldots \mathrm{f} 3(\mathrm{f})$
- Main thematic try 1.Qb4(H)? and additional try 1.Bxc6(E)? - additional change of white continuations after $1 \ldots \mathrm{Qd} 1(\mathrm{c})$.

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Set play (Initially both continuations work):
1...Sxe4(b) 2.Sc6+(A) Kf5 3.Qxf3\#(B)
2.Qxf3(B) ~ 3.Sc6,Qxe4\#
2...f5,Se4 ,Rxc4,Qd4 3.Sc6\#(A)
2...Qa4 3.Qxe4\#

Thematic try 1 (Corrective play by Sd2):
1.Rd8? ~ 2.Bd6\#
1...Sxc4(a)(Sd~) 2.Sc6+(A)Kxe4 3.Qxf3\#(B)
1...Sxe4(b)! 2.Qxf3(B) ~ 3.Sc6,Qxe4\#
2...f5,Rxc4,Qd4 3.Sc6\#(A)
2...Qa4 3.Qxe4\#
$1 . . \mathrm{Qd} 4(\mathrm{~d}) 2 . \operatorname{exd} 4+\operatorname{cxd} 43 . \mathrm{Bd} 6 \#$
But 1...f5(c)!
Solution (Tura reciprocal; corrections by Sd2):

1. Scb5! ~ 2.Bd6\#
1...Sxc4(a)(Sd~) 2.Qxf3(B) ~3.Sc6\#(A)
1...Sxe4(b)! 2.Sc6+(A) Kf5 3.Qxf3\#(B)
1...f5(c) 2.Sd6(E) ~ 3.Sc6,Sf7\#
2...fxe4 3.Sc6\#
2...Qa4 3.Sf7\#
$1 . . \mathrm{Qd} 4(\mathrm{~d}) 2 . \operatorname{exd} 4+\operatorname{cxd} 43 . \mathrm{Bd} 6 \#$
Thematic try 2 (Zagoruiko $2+3+3$; decorrection)
2. $\mathrm{Qh} 2(\mathbf{H}) ? \sim 2 . \mathrm{g} 4 \#(\mathrm{D})$
1...Sxc4(a),Sxf1(f),(Sd~) 2.Qxc2(C) ~ 3.Sc6\#
2...Qa4 3.Qc3\#
1...Sxe4(b)! 2.g4+(D) Sg3 3.Qxg3\#
2...Rxh2 3.Sc6\#
1...f5(c) $2 . \operatorname{gxh} 7(\mathbf{F}) \sim 3 . h 8 Q / B \#$
2...fxe4 3.g4\#
2...Sxe4 3.Sc6\#

But 1...Sxb3(e)! g4!
Thematic try 3 (Distributed Zagoruiko $3 \times 3$; thematic defenses as refutations):

1. Sab5? ~ 2. Bd6\#
1...f5(c) 2.Bd6+(G) Kf6 3.Se8\#(I)
$1 \ldots \mathrm{Qd} 4(\mathrm{~d}) 2 . \operatorname{exd} 4+\operatorname{cxd} 43 . \mathrm{Bd} 6 \#$
But 1...Sxc4(a)! Sxe4(b)!

Thematic try 4 (Zagoruiko $4 \times 1$ after 1...Sxc4(a); transferred 2.gxh7(F) continuation):

1. $\operatorname{Se} 8(\mathbf{I}) ? \sim 2 . \operatorname{Bd} 6 \#(\mathbf{G})$
1...Sxc4(a)(Sd~) 2.gxh7(F) 3.Bxf6\#
1...Sxe4(b)! 2.Sc6+ Kf5 3.Qxf3\#

But 1...Qd4(d)!
Thematic try 5 (Key/threat reversal from Try 2; reciprocal change of roles $\operatorname{Sxb} 3(e) / \operatorname{Sxf}(f))$ : 1.g4(D)? ~ 2.Qh2\#(H)
1...Sxc4(a),Sxb3(e),(Sd~) 2.Qxf3(B) Qa4 3.Qg3\# But 1...Sxf1(f)!
Comment: Tura reciprocal change of white continuations (2.A,3.B $\longrightarrow 2 . \mathrm{B}, 3 . \mathrm{A}$ and 2.B,3.A $\longrightarrow$ 2.A,3.B) after corrective play by $S d 2(\mathrm{a}, \mathrm{b})$ extended (in Thematic try 2) to a Zagoruiko $\mathbf{2}+\mathbf{3}+\mathbf{3}$ (after thematic defenses (a,b,c)). Thematic try 3 extends it further to a Zagoruiko $\mathbf{3 x} 3$ distributed over 4 phases with thematic moves $1 \ldots \mathrm{f} 5(\mathrm{c})$ and 1 ...Sxc4(a)/Sxe4(b) being the refutations in distributing phases (Thematic tries 1 and 3). Thematic try 4 introduces a fourth change after 1...Sxc4(a) (a transferred continuation 2.gxh7(F)). Reciprocal change of roles between corrective refutations $1 \ldots \mathrm{Sb} 3(\mathrm{e})$ ! and 1...Sxf1(f)! in Thematic tries 2 and 5. Finally, one also has a decorrection concept in Thematic try 2. Random move $1 . . . \mathrm{Sd} \sim$ defends against $2 . \mathrm{g} 4 \#$ by opening the line c2-h2. It also introduces a weakness that enables $2 . \mathrm{Qxc} 2$ continuation. Its a correction $1 \ldots \mathrm{Se} 4(\mathrm{~b})$ ! maintains both, the strength of opening c2-h2 rook line and the weakness of allowing 2.Qxc2, but it also corrects against $2 . \mathrm{Qxc} 2$ by capturing the pawn on e4 (f5 is left unguarded). However, it selfblocks on e4 enabling again 2.g4+ queen sacrificial continuation $2 \ldots$ Rxh2 3.Sc6\# and effectively decorrecting the effect of $1 \ldots \mathrm{Sd} \sim$. Aside from unplanned second refutation $1 \ldots \mathrm{~g} 4$ ! in Thematic try 2 , there is no single dual in any of the 7 phases.

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Set play (Corrective play by Se 2 ):
$1 . . . \operatorname{Sd} 1(\mathrm{a})(\mathrm{Se} \sim) 2 . \operatorname{Rxh} 4(A) \sim 3 . f 4 \#(B)$
2..f4 3.Qd5\#(C)
1...Sxg4(b)! 2.f4+(B) Kxh5 3.Rxh4\#(A)
1...Sd5(c)! 2.Qxd5(C) ~ 3.Qxf5\#
2...Rxf6 3.Be3\#(E)

Solution (Tura reciprocal plus 3x Ruchlis and corrections by Se 2 ):

1. Sxf5! ~ 2. Bxe3\#(E)
1...Sd1(a)/(Se~) 2.f4+(B)(Bf2(D)?) Kxg4 3.Rxh4\#(A)
1...Sxg4(b)!! 2.Rxh4(A)(f4+(B)?/Bf2(D)?) ~ 3.Rxg4,f4\#
$2 \ldots$..gxh1~3.f4\#(B)
2...Bd6 3. Rxg4\#
1...Sd5(c)! 2.Bf2(D)(f4+(B)?) ~3.Bxh4\#
1...Sxf5(d)!! 2.Qd5(C)(f4+(B)?/Bf2(D)?) ~ 3.Qxf5\#
2...Rxf6 3.Be3\#(E)
1...Bd6 2.Bxe3+(E) Bf4 3.Bxf4\# (extends the threat to the full 3-move length)
(1...Be7/Bc5/Re7/g1Q/g1B 2.f4+ Kxg4 3.Rxh4\#)

Logical tries (White thematic continuations fail as logical tries):
1.Rxh4(A)? ~ 2.f4\#(B)
1...Sd5 2.Qxd5 ~ 3.Qxf5,f4\#

But 1...f4!
1.f4 + (B)? Kxg4 2.Rxh4+(A) Kg3 3.Rh3\# but 3...Kf2!

Comment: Reciprocal change of white continuations (A/B) after corrective play by Se2 (a/b), and Tura reciprocal change of white 2 nd and 3 rd moves $(2 . A, 3 . B \longrightarrow 2 . B, 3 . A$ and 2.B,3.A $\longrightarrow \mathbf{2 . A}, 3 . B)$. Additional change after another correction $1 \ldots \mathrm{Sd} 5(\mathrm{c})$ ! with a transfer of $2 . \mathrm{Qd} 5(\mathrm{C})$ white continuation to yet another correction $1 . . . \operatorname{Sxf5}(\mathrm{d})!$ ! in the post key play. Together with reciprocal changes this gives 3 x Ruchlis with all seven black thematic moves (three ( $\mathrm{a}, \mathrm{b}, \mathrm{c}$ ) in the set and four ( $\mathrm{a}, \mathrm{b}, \mathrm{c}, \mathrm{d}$ ) in the actual play) played by the same SeZ and being of the corrective nature. Quiet white thematic continuations with the sole exception of $2 . f 4+(B)$.

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Set play:
1...e4(a)(e5~) 2.Ba7(A) ~3.Sxf4\#(B)
$1 . . . \operatorname{exd} 4(\mathbf{b})!2 . S x f 4+(\mathbf{B}) \mathrm{Kc} 53$. Ba7\#(A)
2...Ke5 3.Sc4\#(G)
1...Se~ 2.Sxc7+ Kxd4 3.Ba7\#
1...f3 2.e4+ fxe4 3.dxe4\#

Try (Quiet threat; reciprocal corrective dual-avoidances; Tura reciprocal change):
1.Sc4(G)? ~ 2.Bxc7 ~3.Sb6\#
(1...e5~?? 2.Sxf4+(B)/Ba7(A) but no random square for e5 to play as defense!)
$1 . . . e 4(\mathbf{a})!2 . \operatorname{Sxf} 4+(\mathbf{B})(\operatorname{Ba7}(\mathbf{A})$ ? exd3!) Kxd4 3.Ba7\#(A)
$1 . . . \operatorname{exd} 4(\mathrm{~b})!2 . \operatorname{Ba7}(\mathbf{A})(\operatorname{Sxf} 4+(\mathbf{B}) ? \mathrm{Kc} 5!) \sim 3 . \operatorname{Sxf} 4 \#(\mathbf{B})$
1...Se~ 2.Sxc7+Kxd4 3.Ba7\#

But 1...Rf8!
Solution (Zagoruiko 3x2; double Ruchlis):
1.Rxf4! ~ 2.e4+ fxe4 3.dxe4\#
1...e4(a)(e5~) 2.Rxe4(C) ~ 3.Sf4,Re5\#
2...cxd6, Sg4/f3 3.Sf4\#
2...fxe4 3.dxe4\#
1...exd4(b)! 2.Rxd4+(D) Ke5 3.Sc4\#(G)
1...exf4(c)! 2.Ba7(A) ~ 3.Sxf4\#(B) (double Ruchlis)

Additional tries (capturing Se8; mates on all Se8 moves are provided in the set play):
1.Sxe8? ~ 2.S8xc7,Sf6\#
1...exd4(b) 2.Sf6+(E) Ke5 3.Bxc7\#

But 1...Rxe8+!
1.fxe8=Q? ~ 2.Sxc7+Kxd4 3.Ba7\#
1...e4(a) 2.Qxh8(F) ~ 3.Qe5,Sxc7,Sxf4\#
2...cxd6,Sg4,Sf3 3. Sc7/xf4\#

But 1...Rxe8+!
Comment: Queenless Tura reciprocal change of white continuations after corrective play by Pe5, extended to a Zagoruiko $\mathbf{3 x 2}$. The heart of the whole concept is the sacrificial key that introduces a new defense 1...exf4(c)! which (in addition to enabling completion of a $\frac{3}{4}$ Pickaninny) enables completion of a double Ruchlis. More precisely, white continuation 2.Ba7(A) $\sim 3 . \operatorname{Sxf4} \#(\mathbf{B})$ that follows after 1...e4(a) in the set play and after $1 \ldots \operatorname{exd} 4(\mathrm{~b})$ ! in thematic try $1 . S c 4$ ? is transferred so that it follows after 1...exf4(c)! in the solution. New changed continuations $2 . \operatorname{Rxe} 4(\mathbf{C})$ and $2 . \operatorname{Rxd} 4+(\mathbf{D})$ that follow $1 \ldots$...e4(a) and $1 \ldots$ exd $4(\mathrm{~b})$ after the key finally complete a double Ruchlis. As a bonus, after having mates provided on all Se8 moves in the set play, logical additional tries rely on capturing Se8. Both of these tries add one extra new continuation after one of the thematic defenses thus extending Zagoruiko to a $4 \times 2$ form distributed over 5 phases.

