## "EG" ESSAY COMPETITION

Report (part 1 of 3) by John Roycroft.
In response to the invitation to all and sundry to put fingers to typewriter on the subject "Soundness -- the Study Composer's Responsibility" six essays were received, written in English (3), Russian (2) and German (1). Two failed to address the specific topic, but are so interesting in their own right that we can actually welcome the misunderstanding over the meaning of "soundness". We intend to publish them both, in future issues of EG.

The remaining four had both common viewpoints and their own distinctive contributions. To do justice to all, I have decided to divide my report into three parts. Part 1 is the winning entry; Part 2, in the next issue, brings together extracts and ideas from the other three entries; Part 3 will be an article of my own, which will owe much to all the entries to this competition.

Timothy Whitworth's winning entry follows. Timothy is a schoolmaster at Taunton in Somerset, but otherwise lives in Cambridge. He is well known as a study composer and to Chess Endgame Study Circle members who attend our quarterly meetings in London (see the foot of the back page of any EG). His essay is to the point and practical in content, perspicacious in observation, and plain as a pikestaff in style.

## SOUNDNESS: THE STUDY COMPOSER'S RESPONSIBILITY

Each is responsible for what he produces: the composer for his study, the judge for his award, and the editor for his magazine.

When a composer offers for publication one of his own studies, it should go without saying that he is taking full responsibility for its soundness. Strictly speaking there is no such thing as an unsound study: if it is not sound, it is not a study. So the very fact that the composer is offering the piece for publication as a study amounts to a warranty that it is sound.

But how much is that warranty worth? The editor who publishes a study which turns out to be unsound has unintentionally spoiled his magazine and misled his readers; and the damage is not repaired by assigning the responsibility for the unsoundness to the composer. It is true that the publication of an unsound study may have interesting consequences. For example, the publication of a study which would have been regarded as sound, but for the latest advances in theory may serve to publicise those advances. Or it may itself lead to an advance in theory by provoking a sceptical cook hunter to re-examine the established analysis of a certain position and to correct it. In such cases as these the publication of an unsound study may turn
out to be worthwhile. And there are other circumstances in which an editor need offer no apology for publishing an unsound study: he may deliberately use his columns as a testing ground for new compositions; if a number of those published are unsound, that is only what his readers will have been led to expect and no harm is done at least to the editor and his readers, though some composers may be shown up. In general, however, a studies editor will wish to present to his readers only sound studies. The same can be said about the tourney judge: his award is spoilt if it includes studies that are later found to be unsound, and it is no consolation for the judge to reflect that he did not compose the unsound studies; he did, unfortunately, honour them. So the judge faces the same problem as the editor. Both have to decide how much weight should be given to the guarantee of soundness that the composer implies when he submits a study for publication. How much is the composer's warranty worth?

The answer to that depends upon the quality of the supporting analysis provided by the composer. In an informal tourney a judge may expect unsound studies to be spotted before they reach him. But he cannot absolutely rely on that, and should any unsound study appear in his award the responsibility will be his. To guard against such an accident, the judge of an informal , as of a formal, tourney needs to see the supporting analysis of the studies under consideration. If the composer does not provide completely convincing analysis, or if the tourney director does not pass it on to the judge, then the latter need offer no apologies for excluding from his award a composition, however fine, for which he has no proof of soundness.
To be completely convincing, analysis needs to show the consequences, not
only of interesting and plausible alternative moves, but also of every try and variation which could possibly lead to a cook or a bust. The paradoxes of the chess board are so numerous that even weak moves must be investigated if we are to be sure that they are not strong ones in disguise. Not all of this analysis need necessarily be published. Judges and editors may well require fuller analyses of new studies than their readers will want to be confronted with. The reader may not wish to be burdened with detailed analysis of weak moves, analysis which merely shows that the expected consequences do indeed follow. He may prefer to have his attention focussed on the main ideas of the study and to take its soundness on trust. But the judge and the editor can hardly take this line. They carry the responsibility for publishing a new study and, therefore, they should be satisfied with nothing less than a complete demonstration by the composer of the soundness of the piece. In the absence of this, a judge may be prepared to put in the necessary work himself to prove the soundness of a study; or, if he knows the identity of the author, he may be prepared to gamble that this composer's reputation for producing sound work will not be undermined by his latest composition. But no composer should expect a judge to do these things; and a judge will seldom feel inclined, and never obliged, to attempt them.
For the judge and the editor receiving a new study and requiring a warranty of soundness for it, there is no substitute for systematic and exhaustive analysis. It is for them to demand it, if it is not supplied; it is for the composer to offer it, even if it is not demanded. To each his own responsibility.
T.G. WHITWORTH

1 November 1980

## THE THEME OF DOMINATION

OF THE ROOK'S CROSS
BY THE BISHOP

## I: André Chéron

(This is the first of two articles which appeared in I'Échiquier, Brussels, in 1929. The editor was Edmond Lancel. The research is by Daniel de Mol, Wetteren (Belgium), who has identified sources and incorporated later corrections not to be found in the original articles. L'Echiquier and L'Echiquier Belge are distinct magazines, the latter being post-World War II.)
If there is any thema that provokes surprise and wonder it has to be the domination of the R 's cross by the B . First of all let us explain this theme. To win, W has to shepherd a P to the queening square, but bR threatens to attack and capture the P , drawing. It is wB that has to get the better of bR and ensure wP's promotion. It is the triumph of skill over brute force, the victory of David over Goliath.
It may be said of this theme what the poet Alfred de Musset said of the character Don Juan: ... Il n'est pas de poète Qui ne l'aît une fois soulevé dans sa tête
Et pour l'avoir tenté n'en soit resté plus grand.

All the great artists of the chessboard have turned their minds to the above theme, and the aim of this article is to take the reader on a tour of the magic realm of their imagination.
The prettiest study on this theme is, in my opinion, C1. The simplicity of means, the freedom of bR , and above all the stalemate point held in reserve by the defence, make of this study a pure jewel.
C1: 1. b6 Rxe5 2. Bd3 Rh5 3. Bc4 + Ka1 4. b7 Rh7 5. Bf7 (b8Q? Rf7 +) 5. ..., Rh8 + 6. Bg6.


C2: 1. c7 Rh1 + 2. Bh4 Rcl 3. Bel + Kb 5 4. $\mathrm{Bc} 3 \mathrm{Rh} 1+5 . \mathrm{Kg} 6 \mathrm{Rg} 1+6$. Kf7 Rf1 + 7. Kxe7. Let us leave Henri Rinck and pass on to Kubbel.


C3: 1. a7 Rf5 + (Rh8; Bf6 + ) 2. Ke2 $\mathrm{Re} 5+$ (Rf8; Bf6 + , Kc5; Be7 +) 3. $\mathrm{Kd} 2 \mathrm{Re} 84 . \mathrm{Bf} 2+\mathrm{Ke} 55 . \mathrm{Bg} 3+$ and 6. ..., Bb8.


C4: 1. a7 Rd3 (Ra1; Bd4 +) 2. Kh5 Rd5 +/i 3. Kh4 Ra5 4. d7 Ke7 5. Bb6.
i) 2. ..., Ra3 3. d7 $\operatorname{Ke} 74$ 4. $\mathrm{Bc} 5+$. Now let Troitzky take up the tale from Kubbel.


C5: 1. $\mathrm{Bc} 7 \mathrm{Rh} 5+/ \mathrm{i} 2 . \mathrm{Kg} 7 \mathrm{Rg} 5+3$. Kf7 Rh5 (Rf5 + ; Kg6) 4. a7 Rh8 5. Bd6 + K-6. Bf8 Rh7 + ). Bg7.
i) 1. ..., Rb1 2. a7 Rh1 + 3. Kg7, wK going to d7, to reply to Rd1 + ; with Bd6 + .
C6: 1. Bf6 Rd1 (Rf5;e7) 2. Be5 + Kxf3 3. e7 Rb1 + 4. Ka3.
C7: 1. Bd5 Ra3 + 2. Kb1 Re3 3. b7 Re8 4. Be6 + Kf3 5. Be8 Re3 6. Be6 Re5 7. Bd7 Re3 8. Bxa4 Re1 + 9. Kb2 $\mathrm{Re} 2+$ 10. Kc3 Re3 + 11. Kd4 Re4 + 12. Kc5 Re5 + 13. Kd6.


The Russian composer genius gives yet another study on this theme (in ' 500 '), but it has been demolished in such a beautiful manner that the composer will surely pardon my recalling it. In C8, Troitzky makes W play and win as follows: 1. Bg6 Rh3 2. d7 Rh8 3. $\mathrm{Be} 8 \mathrm{Rh} 1+$ 4. Ke2, running up to the e5 square.

The study is pretty. But the demolition is prettier still. It is due to Orrin Frink (U.S.A.), who pointed it out in the pages of The Chess Amateur (T.R. Dawson's column). 1. Bg6 Re5 2. Bf7 + Ka3 3. d7 Re4 4. d8Q Rd4 + 5. Qxd4 stalemate. (The correction is to add wPa2.)
There are those who compose not, but who err not.


And now on to the Platov brothers. C9: 1. Kb4 Rf5 2. c6 Rxh5 3. c7 Rh4 + 4. Kb5 Rh5 + 5. Kb6 Rh6 + 6. Bd6 Rxd6+. We now enter the famous Saavedra. 7. Kb5 (Kc5? Rd1;) 7. ..., Rd5 + 8. Kb4 Rd4+ 9 . Kb3 Rd3 + 10. Kc2 Rd4 11. c8R (c8Q? Rc4+. wRc8 threatens Ra8 mate) 11. ..., Ka4 12. Kb3 wins.

C10 V. and M. Platov
Deutsche Schachzeitung, 1908 (mirro-


C10: 1. e6 Re1 + 2. Kb2 Re2 +3. Ka3 Rxe6 4. c7 Re3 + 5. Kb2 Re2 + 6. $\mathrm{Kbl} / \mathrm{i} \mathrm{Re} 1+7 . \mathrm{Bd} 1+\mathrm{Rxdl}+8$. Kb2 (Kc2? Rd5;) 8. ..., Rd2 + 9. Kb3 10. Kb4 Rd4 + 11. Kb5 Rd5 + 12. Kxb6 Rd6 + 13. Kb5 Rd5 + 14. Kb4
$\mathrm{Rd} 4+15 . \mathrm{Kb} 3 \mathrm{Rd} 3+16 . \mathrm{Kc} 2$.
i) 6. Kcl? Re5 7. c8Q Rc5 + draw.


C11: 1. hg 2. Rxd4 + 2. Bc4 Rd8 3. Bd6 $+\mathrm{Kc} 3 / \mathrm{i}$ 4. Bf8 Rd1/ii 5. Bd6 Rd4 + 6. Kg3 Rd3 + 7. Kf2 Rd2 +8. Kf3 Rd3 + 9. Kf4 Rd4 + 10. Kf5 Rd5 + 11. Be5 + .
i) 3. ..., Kb5 4. Bf8 Rd1 5. Bd6 $\mathrm{Rd} 4+$ 6. $\mathrm{Kg} 3 \mathrm{Rd} 3+(\mathrm{d} 1)$ 7. Kf2 Rd2 + 8. Kf3 Rd3 + 9. Ke4.
ii) 4. ..., Rd4+5. Kh3 and if bR continues checking, wK reaches the f6 square via g2, f3, f4 and f5.


Finally, let us draw the curtain with the following study.
C12: 1. Bc3 Rxh5 2. Bb4 wins.
In quoting C12, Berger (p. 330 of his Theorie und Praxis der Endspiele) adds that wPh5 is, for sure, superfluous.
This is not the case, and the French composer was perfectly correct in placing it there. In fact, suppress wPh5, according to Berger's wish, and Bl draws as follows: 1. Bc 3 Rc 1 2. Bd2 + Ke5 3. Bxcl Kd6 followed by 4. ..., KxP, drawn.

II: by Count Jean de Villeneuve-
Esclapon L'Échiquier, Brussels, 1929


VE1: 1. Be3 Rxa5 (Rb5; Kxa6) 2. d6 Kf7/i 3. d7 Ke7 4. d8Q + Kxd8 5. Bb6+.
i) 2. ..., Ra3 3. $\mathrm{Bd} 4+\mathrm{Kf7} 4$ 4. d7 Ke7 5. $\mathrm{Bc} 5+$. 2. ..., else 3. Bd4(d7).


VE2: 1. Be4 + Kh5/i 2. Bxb7 Kxe3 3. Bd5 Re8 + /ii 4. Kf7 Rh7 (Rb8; Bf3 mate) 5. $\mathrm{Bf} 3+\mathrm{Kg} 6$ 6. $\mathrm{Be} 4+$.
i) 1. ..., Kf6 2. Bd4 + Ke6 3. Bxb7 Kf5/iii 4. Bc6 Rbl/iv 5. b7 Kxf4 6. Ba7 h3 7. b8Q.
ii) 3. ..., $\operatorname{Re} 7$ 4. $\mathrm{Kf} 8 \operatorname{Rd7} / \mathrm{v} 5 . \operatorname{Bf} 7+$ Kg 4 6. $\mathrm{Be} 6+$. 3. ..., Re1 4. b7 Rbl 5. $\mathrm{Bf} 3+\mathrm{Kg} 6$ 6. Be4. 3. ..., $\mathrm{Rg} 3+4$. Kh7 Rg6 5. Bf7.
iii) 3. ..., Kd7 4. Bf3 Rb1 5. b7 h3 6. Be5 h2 7. b8Q.
iv) 4. ..., $\mathrm{Re} 8+5 . \mathrm{Kg} 7 \mathrm{Rb} 8$ 6. b 7 .
v) 4. ..., Rh7 5. Bf3 + Kg6 6. Be4 + .

VE3: 1. Bd4 + Kh7/i 2. b6 Rg3 3. VE6: 1. Bg5 Rd5 2. b6 Rxg5 3. Be8 $\mathrm{Be} 4+$ /ii $\mathrm{Kg} 8 / \mathrm{iii} 4$. $\mathrm{Bd} 5+\mathrm{Kh} 7 /$ iv 5. Rg 3 4. Ba4 wins.


Bxe3 Rxe3 6. Kxd2.
i) 1. ..., Kg8 2. b6 Rg3 3. Bxe3 Rxe3 4. Kxd 2.
ii) 3. Bxe3? Rxe3 4. Bd5 Kg7 5. b7 Re5 6. Bc4 Re4 7. b8Q Rxc4 8. $\mathrm{Qg} 3+\mathrm{Kf} 8$ draw.
iii) 3. ..., Kh6 4. Kc2 Rg1 5. Rxe3 + wins, or if 4. ..., Kh5 5. b7 Rg1 6. $\mathrm{Bf} 3+$ and $7 . \mathrm{b} 8 \mathrm{Q}$.
iv) 4. ..., e6 5. Bxe3 Rxe3 6. Kxd2 Re5 7. Bc4 Rf5 8. Bxe6 + . 4. ..., Kf8 5. Bxe3.


VE4: 1. Bf5 Rxf5 2. Be7 Rh5 +3. Kg 8 wins.
VE5: 1. Bd3 + Kh5 (best) 2. a6 Rxd4 3. Bb 5 Rb 2 4. Bc 4 Rf 2 5. Kg 7 Rg 2 (b2) (Rf5; g4+) 6. Bf7 + K- 7. a7 wins.


VE7: 1. Bd2/i Rgl + 2. Kf6/ii Rxg8 3. Kf7 Rd8/iii 4. Bg5 Rh8 5. Bf6 Ra8 (c8) 6. b7 Rb8 7. Be5 + .
i) 1. b7? $\mathrm{Rg} 1+2 . \mathrm{Kf6} \mathrm{Rxg} 8$ 3. Bxa5 Kg2 4. Bc7 h4 5. Kf7 Rh8 6. Be5 Rd8 7. Ke7 Rg8 8. Kxd7 Kf3/iv 9. Kc6/v Ke4 10. b8Q Rxb8 11. Bxb8 Kd3 12. Kc5 Kc2 13. Be5 h3 14. Kb4 h2, draw.
ii) 2. Kh5? Rxg8 3. $\mathrm{Bf} 4+\mathrm{Kg} 2$ 4. b7 d5 5. b8Q Rxb8 6. Bxb8 Kf3 7. Kg5 d4 8. Kf5 d3 9. Bf4 Ke2 10. Ke4 d2
11. Bxd2 Kxd2 12. Kd4 Kc2 draw
iii) 3. ..., Rh8 4. Bc3 Rd8 5. Bf6 wins.
iv) 8. ..., h3? 9. b8Q Rxb8 10. Bxb8 Kf3 11. Kc6 Ke4 12. Kc5 Kd3 13. Kb4 $\mathrm{Kc} 214 . \mathrm{Ka} 3$ wins.
v) 9. b8Q Rxb8 10. Kxb8 Ke4 11. Ke6 Kd3 12. Kf5 Kc2 13. Be5 h3 14. Kg4 h2.


VE8: 1. Be2 Rxg3 + 2. Kf2 wins.


VE9: 1. Rh1 +Kg 3 2. Rxh3 +Kxh 3 3. Bc6 Rg3 4. Bd5 Rg1 5. Be4 Rg3 6. Bc2 Rg5 7. Rd3.

VE10: 1. Se3 Rd4/i 2. Be7 Rd7/ii 3. Sf5 h5 4. Bd6 Rb7/iii 5. Bc7 Kf3 6. Sd6 Rxb6 7. Bxb6 h4 8. Bc7 h3 9. Sf5 Kg 2 10. Sh4 +Kg 1 11. Sf3 $+\mathrm{K}-12$. Sh2 wins, or if $10 . \ldots, \mathrm{Kf} 211$. Bh2. i) 1. ..., Kxe3 2. Be 7 Rg 2 3. Ba3, a thematic line from the viewpoint of

this article. 1. ..., Rxh4 2. Sd5.
ii) 2. ..., Rd3 3. Sf5. 2. ..., Rd2 3. Sc4.
iii) 4. ..., h4 5. Bc7 h3 6. b7 h2 7. b8Q wins.


VE11: 1. Bb4 Rf5 + 2. Kg1 d6 3. a7 Rf8 4. Bxd6 Re8 5. Kh2 hg + 6. Kh3 $\mathrm{Ra} 8 / \mathrm{i} 7 . \mathrm{Bb} 8 \mathrm{Kg} 7$ 8. Kg 4 Kg 6 9. Kf3 Kf5 10. Ke3 Kf6 11. Ke4 Ke6 12. Kd4 Kf5 13. Kd5 g4 14. Kd4 Kf6/ii 15. Kc5/iii Kf5 16. Kd5 Kf6 17. Kc6 Kf5 18. Кb7 Rxa7+ 19. Кха7 Ке4 20. Bxg3 Ke3 21. Bd6 g3 22. Bxg3 Ke2 23. Bf 4 wins.
i) 6. ..., g4+ 7. Kh4 Ra8 8. Bb8 Kg7 9. $\mathrm{Kxg4}$, see (ii).
ii) 14. ..., Ke6 15. Ke4/iv Kf6 16. Kf4 Kg6 17. Kxg4 Kf6 18. Kf4 Ke6 19. Ke4 Kf6 20. Kd5 Kf5 21. Kc6 Ke4 22. Kb7 Rxa7 23. Kxa7 Ke3 24. Bxg3 Ke2 25. Bf4.
iii) 15. Ke4? Kg5 16. Ke5 Kg6 17. Kf4 Kh5 18. Kf5 Kh4 and bPg4 is defended.
iv) 15. Kc5? Kd7 16. Kb6 Kc8 17. Kc6

Rxb8 18. abQ + Kxb8 19. Kd6 Kc8 20. Ke5 Kd7 21. Kf4 Ke6 22. Kxg3 Kf5 23. Kh4 Kf4 drawn.


VE12: $1 . \mathrm{Bg} 7 \mathrm{Kg} 6$ 2. Bh8/i $\mathrm{Kh} 7 / \mathrm{ii} 3$. $\mathrm{Be} 5 \mathrm{Rc} 2+4$. Bg 2 Rc 5 5. $\mathrm{Be} 4+\mathrm{Kg} 8$ 6. b6 Rxe5 7. Bd3 Ra5/iii 8. Bc4+ Kg7 9. b7 Rc5 10. b8Q Rxc4 11. Qe5 + Kf8 12. Qf5 + Kg7 13. Qe6.
i) 2. Bf 8 ? $\mathrm{Rc} 2+3 . \mathrm{Kg} 1 / \mathrm{iv} \mathrm{Rc} 1+4$.
$\mathrm{Kg} 2 \mathrm{Rc} 2+$ 5. Kf3 Rc5 6. Be4+/v Kf7 7. Bxh6 Rxb5 8. Bd2 Kf6 9. $\mathrm{Be} 1 / \mathrm{vi} \mathrm{Rb} 3+10 . \mathrm{Kg} 4 / \mathrm{vii} \mathrm{Rg} 3+11$. Kxh4 Re3 draw.
ii) 2. ..., e5 3. b6 Rb4 4. b7 Kf5 5. Bg 7 Ke 6 6. $\mathrm{Bf} 8 \mathrm{Rb} 2+7 . \mathrm{Kg} 1 \mathrm{Kd7} 8$. Bc5 Kc7 9. Ba7 e4 10. Bd4 Rb1 + 11. Kf2 Kb8 12. $\mathrm{Be} 5+\mathrm{Ka} 7$ 13. Ke3 Rb4 14. Kf4 h5 15. Ke3.
iii) 7. ..., Re3 8. Bc4+ Kg7 9. b7 Rc3 10. b 8 Q or 10 . Bb5.
iv) 3. Bg 2 Rb 2 4. Bxe 7 Rxb 5 5. Bxh4 Ra5 6. Bf3 Rb5 7. Kg3 Ra5 8. Bd8 Rb5 9. h4 Rc5 10. Bb6 Rb5 11. Bd4 Ra5 12. Be6 Ra3 + 13. Kf4 Ra5 14. Be8 + Kh7 15. h5 Rg5.
v) 6. Bxe7 Rxb5 7. Bxh4 Rh5 and 8. ..., Rxh4 or h3, draw, while if here 7. Be4+Kf7 8. Bd3 Rg5 draw.
vi) 9. Kg4 Rc5 10. Kxh4 Rc4 11. $\mathrm{Bg} 5+\mathrm{Ke5}$. Or 9. Bc3 +e 5 R 10. Kg4 Rc5 11. Be1 Rc4 12. Bxh4+ Ke6 13. Kf3 Rc3 + 14. Kg2 Rc4.
vii) $10 . \mathrm{Kg} 2 \mathrm{Rg} 3+11 . \mathrm{Kh} 2 \mathrm{Ke}$, or 10. K else Rxh3.

The above study had been entered by the composer for the 1925 tourney of L'Italia Scacchistica, but the judges had rejected it. The analysis here demonstrates the study's soundness.


VE13: 1. Bd6/i Rg2/ii 2. Bb4 Rh2 3. Bc3 + Kxf5 4. b7 Rh3 5. b8Q Rxc3 6. Qbl + .
i) 1. Be1? Sf3 2. b7 Se5 3. Bc3 Kxf5. ii) 1. ..., $\operatorname{Rg} 7$ 2. Be5 + Kxe5 3. Kxg 7 Kd6 4. f6. 1. ..., Sf3 2. b7 Se5 3. Bxe5.


VE13 and VE14 are clearly twins.
VE14: 1. Be1/i Rxg2 (Rd4; Bc3 +) 2. b7 Rb2 3. Bc3 + .
i) 1. $\mathrm{Bd} 6 ? \mathrm{Rg} 7$ 2. $\mathrm{Be} 5+\mathrm{Kxe5} 3 . \mathrm{Kxg} 7$ Kd6.


VE15: 1. Bf3 $\mathrm{Rg} 1+2$. Kh8 Rg3 3. Bd5 Rh3 + 4. $\mathrm{Kg} 7 \mathrm{Rg} 3+5 . \mathrm{Kf} 8 \mathrm{Rh} 3$ 6. d7.

## Obituaries

Irving Chernev (1900-29.ix.81). A successful populariser of all aspects of chess, he was especially fond of studies. Titles like Chessboard Magic, Practical Endgames, flowed from his pen. With his wife Selma he often came to Europe. On one occasion he tut-tutted over my bad choice (from the selling viewpoint) of title for TTC -- his light-hearted alternative suggestion was 'It Gets You in the End!" He lived in Californian but will be missed by many, world-wide.

Milu Milescu (11.xi.11-6.xi.81). Hillel Aloni writes from Israel: Milu Milescu studied pharmacy at the University of Bucurest, but 6 years before graduating he was already in 1930 editor of '"Revista Romana de Sah'", a post he retained until vii.49. In 1948 he published a collection of compositions (studies included) by the Romanian Sigmund Herland (1865-1954), and ''Selected Problems" in the same year. Coauthored with the late Dr. H. Staudte, '"Das $1 \times 1$ des Endspiels"' appeared in 1964 (revised, 1981). In 1961 he emigrated to Israel and worked as a pharmacist. He was one of the earliest contributors to the Israeli monthly SHAHMAT with his very popular columns ''The Game and Composition" and "Combination'. He was also on the editorial board of the West German DEUTSCHE SCHACHZEITUNG, and since his youth assisted with the French monthly BULLETIN OUVRIER DES ECHECS, which later became EUROPE-ECHECS. His compositions appeared in "'RR de S'’, DIE SCHWALBE, ECHIQUIER and Romanian columns. He held the FIDE Judge's title for studies and judged as well as Israeli events such tourneys as the Olympic 1964 and SCHACH-ECHO 1977-8 (with Hillel Aloni in both these cases).
M. Euwe (20.v.01-1.xii.81). The Dutch World Champion (1935-7) took a kindly interest in studies, as he did in all aspects of chess, and was an enthusiastic proponent of the GBR notation, publicising it in his President of FIDE capacity via his communications to member countries.

## Tourney Announcements

The U.S. monthly CHESS LIFE will run an informal tourney, sponsored by 'Heraldica Imports', for which the closing date is 1.x.82. Entries on diagrams to the judge: Pal Benko, P.O. Box 313, Gracie Station, New York, NY 10028. U.S.A.

Grzeban Jubilee, organised by the Composition Committee of the Polish Chess Federation and the monthly magazine SZACHY, in celebration of the 80th birthday of prof. Grzegorz Grzeban. Closing date: 1.ix.82. Judges: G. Grzeban and J. Rusinek. Entries to: Piotr Ruszczynski, Ul. Stepinska 6/8 m. 48, 00-739 Warsaw, Poland.

The centenary of the birth of GM Oldrich Duras (b. 1882) is being celebrated by the Sporting Club Slovan SBC'S in Prague with a formal tourney. Judge: Dr. J. Pospisil. Closing date: $31 . x i i .82$. Send to: Ing. Vladimir Kos, Merhautova 66, Brno 61300, Czechoslovakia.

Nadareishvili Jubilee, celebrating the Georgian composer's 60th birthday. Address: Sports Committee of Georgian SSR, Leselidze St. 36, 380055 Tbilisi, USSR. Closing date: 1.v.82.

Chéron Memorial (see EG66, p. 490). Due to the death of Edmond Bernard, entries should now be sent (closing date 31.xii.82) to: Jaques Cramatte, Bois-de-la-Chappelle 85, 1213 Onex, Geneva, Switzerland.


No. 4468: V. Kondratyev. 1. Ka3 $\mathrm{b} 1 \mathrm{~S}+2 . \mathrm{Kb} 3 \mathrm{Sd} 2+3$. Kc2 Sf3 4. Bf6 + Ka2 5. Sb4+ Ka3 6. Sd3 Sh2 7. Se5 Sf1 8. Kd3 Sg3 9. Sc4 + Kb4 10. Se3 Kc5 11. Be5 Sh5 12. Ke4.

JRH: After the obvious S-promotion this is 'book'", see Horwitz (1852), as in EG20 p. 114.


No. 4469: A. Kotov and L. Mitrofanov. 1. Kc8/i e1Q/ii 2. Sc6 Ra1 3. b6 Qb1 4. Rh1 e3 5. Rf1 e2 6. Sb4 efQ 7. $\mathrm{b} 7+\mathrm{Ka} 7$ 8. b 8 Q mate.
i) 1. Rxe2? Kb7 2. Sc6 Kb6 3. Rb2 e3 drawn.
ii) 1. ..., Kxa7 2. Rh6 Ra1 3. b6 + Ka6 4. $\mathrm{b} 7+\mathrm{Ka} 5$ 5. b 8 Q wins.
Hugh Blandford: ''This strikes an original note, with pin of bQ (4. Rh1) followed by the line interference (6. Sb4)."


Bh7 5. Rh4 Ka4 6. Rxc4 + Kb5 7. Rh4 Kc6 8. Rh6 + Kd7 9. Rh5 c4 10. Rh4 K- 11. Rxc4.
i) 1. Kb 3 ? $\mathrm{Rh} 3+2 . \mathrm{Ka} 4 \mathrm{c} 43 . \mathrm{Bb} 7 \mathrm{c} 3$.


No. 4472: G. Amiryan. 1. b7 g1Q 2. baQ $\mathrm{Qg} 2+3$. Ke6 Qxa8 4. Rd5 + Kc7 5. Rc5 + Kb6 6. Rb5 + Kc7 7. Rc5 + Kd8 8. Rd5 + Ke8 9. Rd8 + Kxd8 10. Bf3 Qxf3 stalemate.
JRH: Cf. Sehwers (1900), No. 1916 in ' 2500 '.

No. 4473 A. Belyavsky Commended, XIX Chervony Girnik


No. 4473: A. Belyavsky. 1. Sg3 Rf3 2. Sf5 Rxh3 (Rxf5 + ; Ke6) 3. Ke6 Kd8 4. Kd6 Ke8/i 5. Sg7 + Kf8 6. Se6 + Kg 8 7. $\mathrm{Ra} 8+\mathrm{Kf} 7(\mathrm{~h} 7) 8 . \mathrm{Sg} 5+$.
i) 4. ..., Rc3 5. Rh7 Kc8 6. Se7 + Kb7 7. $\mathrm{Sd} 5+$.


No. 4474: M. Grushko. 1. $\mathrm{Bg} 7+\mathrm{Kb} 3$ 2. Ba1 Sd3 + 3. Kd4 Sb2 4. Kc5 a2 5. Kd4 Kc2 6. Ke3 Kb1 7. Kd2 Kxa1 8. Kcl.
JRH: I have 12 studies based on this idea, dating back to Horwitz and Kling (1851). See Rueb (B) III p.17, note. Nearest is S. Loyd (1856), No. 240 in T1000.


No. 4475: G. Zakhodyakin. 1. Bf3 $\mathrm{Bh} 2+$ 2. Ke3 g1Q 3. Ke2 Qa1 4. Rb1 + wins.

No. 4476: N. Pandzhakidze and A. Svitilsky. 1. Sb5 + Kc2 2. Sd4 + Kc3 3. $\mathrm{Sb} 5+\mathrm{Kc} 4$ 4. Sa3 +Kd 5 5. Bxe4 + Kxe4 6. Sbl and either 6. ..., d1Q 7. $\mathrm{Sc} 3+$ or 6 . ..., dcQ stalemate, or (AJR) 6. ..., dcR 7. Kb2 Re1 8. Sa3 Re3 9. Sc4 Rd3 10. Sa5 (10. Ka3 probably also).


No. 4477: H.G.A. Mesman. 1. Ka2/i d4/ii $2 . \operatorname{Rg} 1+/$ iii $\operatorname{Bd} 1 /$ iv 3 . Sf3/v d3 4. Rh1/vi d2 5. Sg1 B- 6 . Se2 mate. i) Otherwise bK plays to b 1 , and draws. 1. Kb3? Kb1 2. Rxc2 Bd1. 1. Sf 1 ? Kb1 2. Sd2 + Ka1 with a draw after either 3. $\mathrm{Rg} 1+\mathrm{Bd} 1$ 4. Sb3 + Kb 1 , or $3 . \mathrm{Sb} 3+\mathrm{Kb} 14 . \mathrm{Rg} 1+\mathrm{Bd} 1$. 1. $\mathrm{Rg} 1+$ ? Bd1 2. Sf3(f1) Kb1, or, here, 2. Ka2 Kd2 3. Rg2 +/vii Kc3 4. $\mathrm{Rg} 3+\mathrm{Kd} 25 . \mathrm{Sf} 1+\mathrm{Ke} 2$.
ii) $1 . \ldots, \mathrm{Kd} 12 . \operatorname{Rg} 1+\mathrm{Kd} 2(\mathrm{e} 2 ; \mathrm{Kb} 3)$ 3. $\mathrm{Kb} 2 \mathrm{Bd} 1 /$ viii 4. $\mathrm{Rg} 2+\mathrm{Be} 25$. $\mathrm{Sf} 3+\mathrm{Ke} 3$ 6. Sd4. 1. ..., Bf7 2. Sf3, with either 2. ..., d4+3. Ka1 Kd1 4. Rd2 + , or 2. ..., Kd1 3. Rd2 + Kcl 4. Rd4 B- 5. Sd2. 1. ..., Bd1 2. Sf1 Be2/ix 3. Rxe2 Kd1 4. Rd2 + Kcl 5. Rd3 d4 5. Sd2 Kd1 7. Sb3 + . 1. ..., Be2 2. Rg1 + Bd1/x 3. Sf3 d4 4. Sxd4 $\mathrm{Kd} 25 . \mathrm{Sb} 3+\mathrm{Kc} 36 . \mathrm{Rg} 3+$.
iii) 2. Sf1? Kd1. 2. Ka1? d3.
iv) 2. ..., Kd 2 3. Kb 2 and 3 Bd1
4. $\mathrm{Rg} 2+\mathrm{Be} 2$ 5. $\mathrm{Sf} 3+$ or $3 . \ldots, \mathrm{d} 34$. Sf1 + Kel 5. Kc1 Kf2 6. Rg5, or 3. , Be2 4. Sf1 + .
v) 3. $\operatorname{Rh} 1(\mathrm{f} 1, \mathrm{e} 1)$ ? Kd2 draws. 3. Sf1? d3 and 4. ..., d2.
vi) The try 4 . Sd4? fails: 4. ..., Kd2 and now either $5 . \mathrm{Sb} 3+\mathrm{Kc} 36 . \mathrm{Rg} 3$ Bh5 7. Scl Bf7 + 8. Ka3 Bc4, or 5. $\mathrm{Rg} 2+\mathrm{Kc} 36 . \mathrm{Sb} 3 \mathrm{~d} 27 . \mathrm{Rg} 3+\mathrm{Kb} 4$. vii) $3 . \mathrm{Sf} 1+\mathrm{Ke} 2$ and $4 . \mathrm{Sg} 3+\mathrm{Kf} 2$, or 4. Kb2 Kf2 5. Rh1 Kg2.
viii) 3. ..., Be 2 4. Sf1 $+\mathrm{Ke} 15 . \mathrm{Sg} 3+$ Kf2 6. Sxe2. 3. ..., d4 4. Sf1 + and either 4. ..., Kd1 5. $\mathrm{Sg} 3+$, or 4. ..., Kd3 5. Kcl.
ix) 2. ..., Bf3 3. Rf2 Bh5 4. Se3 B- 5. Sxd5. 2. ..., d4 3. Sd2 and either 3. $\ldots, \mathrm{Be} 24 . \mathrm{Sb} 3+\mathrm{Kd} 15 . \mathrm{Rg} 1+$, or 3. ..., Bh5 4. Sb3 + Kd1 5. Rd2 + Ke1 6. Rxc2.
x) 2. ..., Kd 2 3. Kb 2 and either 3. ..., Bd1 4. $\mathrm{Rg} 2+\mathrm{Be} 2$ 5. $\mathrm{Sf} 3+\mathrm{Ke} 36$. Sd4, or 3. ..., d4 4. Sf1+ Kel 5. $\mathrm{Sg} 3+\mathrm{K}-6$. Sxe2.
JRH: Cf. Troitzky (1926), No. 839 in '1234'.


No. 4478: R. Missiaen (Belgium). $\cdot 1$. h8Q + Ke7 2. Kg6/i Rxa5 3. Qc3/ii and now either: 3. ..., Rb5 4. Qc7+ Kf8/iii 5. Qd6 + Ke8 (Kg8; Qd8 mate) 6. Qc6 + , or 3. ..., Rd5 4. Qc7 + and now 4. ..., Ke8 5. Qc6+, or 4. ..., Ke6 5. Qc6 + Ke5 6. Kxg5, or 4. ..., Rd7 5. Qc5 + or 4. ..., Kf8 5. $\mathrm{Qg} 7+\mathrm{Ke} 86 . \mathrm{Qg} 8+$ wins.
i) 2. $\mathrm{Qg} 7+? \mathrm{Sf} 7+3 . \mathrm{Kh} 7 \mathrm{Rh} 5+4$. Kg8 Rg5 (Rh8 + ? Qxh8) 5. Qxg5 + Sxg5 6. a6 Se6 7. Sc7. 2. Qc3? Sf7 +
3. Kh7 Rh5 + 4. Kg6 Rg5 + 5. Kh7 Rh5 +.
ii) 3. Qg7 + ? Kd6. 3. Qf6 + ? Kd7 4. Qd4 + Kc6, or 4. Qc3 Rd5.
The composer writes that he got this idea from demolishing a ''Kuznetsov" study: wKa6, wPb6, c7; bKd7, bRf5, bSa3, bPa7+. The author's solution: 1. c8Q +Kxc 8 2. ba Ra5 +/i 3. Kxa5 Kb7 4. a8Q + Kxa8 5. $\mathrm{g} 6 \mathrm{Sc} 4+6 . \mathrm{Ka} 6$
i) B1 draws (the refutation) by 2 . ..., Sb5 3. $\mathrm{a} 8 \mathrm{Q}+\mathrm{Kd7}$ and if W stops the threat of 4. ..., Sc7 + by playing 4. Kb6, then simply 4. ..., Rxg5 draws.


No. 4479: V. Aberman (Kiev). This tourney was organised exclusively for study composers in the Ukraine. Judge: E. Asaba (Moscow). 1. Bg6 Rd8 2. $\mathrm{Be} 8+\mathrm{Rxe} 8$ 3. $\mathrm{gSe} 7+\mathrm{bRxe} 74$. b7 Rc7 5. b8S + Kb5 6. Sd6 + Kb6 7. $\mathrm{Sc} 8+\mathrm{Kc5} 8 . \mathrm{Sa} 6+\mathrm{Kc} 69 . \mathrm{Sb} 8+$.


No. 4480: A. Zinchuk (Kiev). 1. b7 a2 2. b8Q alQ + 3. Kf2/i Qd4+ 4 . $\mathrm{Kf} 3 \mathrm{Qe} 4+$ 5. Kf2 $\mathrm{Qe} 2+6$. Kg 1 $\mathrm{Qe} 1+7 . \mathrm{Kh} 2 \mathrm{Qh} 4+8 . \mathrm{Kg} 1 \mathrm{Qe} 1+9$. $\mathrm{Kh} 2 \mathrm{Qf} 2+10$. Kh1 Sg3 + 11. $\mathrm{Qxg} 3+$ Qxg3 stalemate.
i) 3. Kg 2 ? $\mathrm{Se} 3+$ 4. $\mathrm{Kh} 3 \mathrm{Qh} 1+5$. $\mathrm{Qh} 2 \mathrm{Qf} 3+$ 6. $\mathrm{Qg} 3 \mathrm{Qh} 5+$ 7. Qh4 Qf5 + 8. Kh2 Qf3 9. Qh7 + Kd2 10. Qd7 + Ke1 11. Qh3 Sf1 + 12. Kg1 Sg 3 13. $\mathrm{Qg} 2 \mathrm{Se} 2+14 . \mathrm{Kh} 2 \mathrm{Qf} 4+15$. Kh1 Qf5 16. Kh2 Qe5 + 17. Kh1 Qh8 + 18. Qh2 Qg7 19. Qh4 + Kf1 20. Kh2 Qe5 + 21. Kh3 Qe3 + 22. $\mathrm{Kg} 4 \mathrm{Qf} 4+23$. Kh3 Sg1 mate.
JRH: Cf. Mitrofanov (1970), EG25 1341.


No. 4481: F.S. Bondarenko and A.S. Kakovin. 1. Sc6+ Kb7 2. Re7 Ka8 3. Kh2 Qc7 4. Re8 +Kb 7 5. Sd8 +Ka 7 6. Re7 Qxe7 7. Sc6 + wins.


No. 4482: A. Zinchuk. 1. Bd7 +Kb 8 2. $\mathrm{Sc} 6+\mathrm{Kc7} \mathrm{3}. \mathrm{Bf5}+\mathrm{Kb6}$ 4. Rxa7 Sf6 + 5. Kh4 Qxc6 6. Ra6+ Kxa6 7. $\mathrm{b} 5+$ Qxb5 8. Bd3 Qxd3 9. Sb4+ Kb5 10. Sxd3.


No. 4483: N. Rezvov. (Odessa). 1. $\mathrm{Rc} 8 \mathrm{Qa} 1+$ 2. Kf7 $\mathrm{Qg} 7+$ 3. Ke6 $\mathrm{Qg} 8+4 . \mathrm{Ke} 5 \mathrm{Qe} 8+5 . \mathrm{Bxe} 8 \mathrm{~g} 1 \mathrm{Q} 6$. Bf6 + Kh7 7. Bg6 + Qxg6 8. Rh8 mate, or if 7. ..., Kh6 8. Rh8 + Kxg6 9. $\mathrm{Rg} 8+$.


No. 4484: F.S. Bondarenko and A.S. Kakovin. 1. Qc1 Sd3 + 2. Kf1 Sxcl 3. Bb7 Rh7 4. Bc6 Rh6 5. Bd5 Rh5 6. Be4 Rh4 7. f4 + wins.
The next study in the award ( $\mathrm{Kf} 2 / \mathrm{h} 8$, by Rezvov) is omitted here because we cannot make sense of it.


No. 4485: N. Petrenko (Kharkov). 1. $\mathrm{R}(\mathrm{c}) \mathrm{c} 8 \mathrm{Rh} 1+2 . \mathrm{Kg} 5 \mathrm{Rg} 1+3$. Kff Rxg8 4. Rc7 + Kh6 5. Sf7 + Kh7 6. $\mathrm{Sg} 5+\mathrm{Kh} 6$ 7. $\mathrm{Rh} 7+\mathrm{Bxh} 7$ 8. Sf 7 mate.


No. 4486: S. Belokon (Kharkov). 1. Re8 h1Q 2. Rd6 + Kc3 3. Rc8 + Kb4 4. Rb6+ Ka5 5. Rb1 (Rb2? Sf4;) 5. ..., Qxb1 6. Ra8 + and 7. Rb8 + .
JRH: Cf. Babich, No. 1781 in Cheron III.


No. 4487: M. Grushko (Zhitomir). 1. Rc2 + Kd3 2. Rxc7 f2 3. Rc1 Rf8 + 4. Kg5 Rf3 5. Bxf2 Rxf2 6. Kxh5 g3 7. Kh 4 g 2 8. Rg 1 Ke 2 9. Kg 3 .

No. 4488: I. and L. Melnichenko (Chernigov Region). 1. Qe7 + Kd1 2. Sf1c1Q 3. Qe4 Qal 4. Se3 + Ke2 5. $\mathrm{Sc} 2+\mathrm{Kf} 2$ 6. Qe3 $+\mathrm{Kf1}$ 7. Qd3+ Kf2 8. Sxa1 b4 9. Kc6 Kel 10. Kc5 d1Q 11. Sc2 + .
JRH: Nearest is R.K. Guy (1939, BCM): wKg3, wQa4, wSg1; bKc3, $\mathrm{bQc} 2, \mathrm{bPb} 2, \mathrm{~d} 21 . \mathrm{Se} 2+\mathrm{Kd} 32$.
$\mathrm{Sf} 4+\mathrm{Kc} 3$ 3. Sd5 + Kd3 4. Sb4+ Kb2 5. Qxc2 b1Q 6. Qxb1 d1Q 7. Qe4 + Kd1 8. Qd3 + and 9. S + wins.


No. 4489: N. Sizonenko (Krivoi Rog). 1. Ke4 Kf7 2. Rxh5 Ke7 3. Ke5 Sb4 4. Rh7 + Kd8 5. Kd6 Kc8 6. Ra7.


No. 4490: V. Samilo (Kharkov). 1. h6 Bf5/i 2. a5 Kf8 3. a6 Be4 4. h7 Bxh7 5. Ke5 wins.
i) 1. ..., Bg 8 2. a5 Sb3 3. a6 Sc5 4. a7 $\mathrm{Sd} 7+5 . \mathrm{Kg} 7$.


No. 4491: A. Kopnin (Chelyabinsk). This was a small tourney for drawing pawnless, or '"aristocratic'’, studies. Judge: V. Neidze. 1. Rc8 + Kh7 2. Rc7 + Kh6 3. Bc1 Sd3 + 4. Ka4 Sxcl 5. Rc6 + Kh7 6. Rc7 + Kh8 7. Rc8 + Kh7 8. Rc7 + Kh6 9. Rc6 + Kxh5 10. Rc5 Qxc5 stalemate.


No. 4492: V. Sizonenko (Krivoi Rog). 1. Rd1 Be2 2. Rd5 Sc7 3. $\mathrm{Re} 5+\mathrm{Kf7}$ 4. Kc3 $\mathrm{Sb} 5+5$. Kc2 $\mathrm{Sd} 4+6 . \mathrm{Kc} 3 \mathrm{Sb} 5+7 . \mathrm{Kc} 2 \mathrm{Sd} 4+8$. Kc 3 Bg 1 9. Re4 Sb5 + 10. Kd2 Bh5 11. Re5 drawn.


JRH: Cf. Lamoss (1977): wKel, wRb1, wSb8, wPd6, e7; bKf7, bRb4, h4, bSa3. 1. e8Q + Kxe8 2. d7 + Kd8 3. $\mathrm{Sc} 6+\mathrm{Kxd} 7$ 4. Rxb4 Sc2 +5 . Kf2 Sxb4 6. Kg3 Re4 7. Kf3 Rh4 8. Kg3.


No. 4494: L. Topko (Krivoi Rog). 1. $\mathrm{Bc} 3+\mathrm{Rg} 7$ 2. Rxg7 Se4 + 3. Kxe1 Sxc3 4. Rg6 Be3 5. Rg2 (Rg3? Bd2;) 5. ., Bf4 6. Rg4 drawn, or 5. ..., Bxg2 stalemate.
JRH: The stalemate is known from Belenky (1948), FIDE No. 1708. Rinck (1926), No. 991 in '2500'.

No. 4495: L. Tamkov (Gomel, Byelorussia). 1. Sc2 Rc1 2. Rc6+ Kb3/i 3. Sd4+ Kb2 4. Rxc1 Kxc1 5. Se2+ drawn.
i) 2. ..., Kd3 3. Sb4 + Kd2 4. Rxc1 Kxc1 5. Sd3 + .


No. 4496: V. Kondratyev (Chelyabinsk). 1. Sf5 Qf8/i 2. Rd8 Se8 3. Se6 Qxf5 4. Rxe8 + Kf7 5. Rf8 + . i) 1. ..., Qxg5 2. Rg3 Sg4 3. Rxg4 Qxg4 4. Sh6 + .


No. 4497: Y. Kuruogly (Makiivka). 1. Rg5 Qxf1 2. Rh5 + Kg4 3. Rg5 + Kf4 4. Rf5 $+\mathrm{Kxf5}$ 5. $\mathrm{Sg} 3+\mathrm{Bxg} 3$ stalemate.


No. 4498: A. Zinchuk. This tourney was for the 'open championship' of the organisation "Trud" (not the newspaper of the same name). 131 studies by 50 composers were judged by E. Pogosyants. The "championship", was won by Bron, followed by Kralin; Zinchuk and G. Umnov; and Zakhodyakin.

1. Sf7 + Ke8 2. Se5 Rf6 3. Kxf1 Bxc3 4. $\mathrm{Bg} 7 \mathrm{Rxf} 4+5 . \mathrm{Kg} 2 \mathrm{Rf} 5$ 6. Sf7 Bb4 7. Bc3 Bf8 8. Se5 Bg7 9. Sc4 Rg5+ 10. Kh1 Bxc3 11. Sd6 +Kd 7 12. Se4 Re5 13. Sxc3 Kc6 14. Kg2.
'"I think it ought to be possible to improve the setting.' Watch the B's change places!


No. 4499: G.A. Umnov. 1. Re5 + Kd7 2. Sg1 Sc3 3. Sxe2 Kd6 4. Re8 Kd7 5. Rf8 Sxe2 6. Rf3 Kc8 7. Kc5 Kd7 8. Kc4 Kc6 9. Kd3 Sc1 + 10. Kc3 $\mathrm{Se} 2+11 . \mathrm{Kc} 4 \mathrm{Kd} 6$ 12. Kd3 Sc1 +13. Kd4 Se2 + 14. Ke4 Sc1 15. Rc3 Se2 16. Rd3 + Ke6 17. Re3 Sc1 18. Kd4 + and 19. Kc 4 .
"'A beautiful elaboration of Reti's study. Here the form is unexceptionable, but the idea is not entirely original."
The next study in the award, by V. Kichigin, is No. 4216 in EG63, from Magyar Sakkélet, as pointed out by JRH.


No. 4500: N. Kralin. 1. $\mathrm{Bg} 3 \mathrm{~g} 4+2$. Bxg4/i g1Q 3. Bf3 d6 4. Kh4 d5 5. Kg4 d4 6. Kf4 de 7. de. Reciprocal zugzwang.
i) 2. Kxg 4 ? g1Q 3. $\mathrm{Bd} 3+\mathrm{Kg} 24$. Be4+Kf1 5. Bf3 d5 6. Kf4 d4 and W is in zugzwang.


No. 4501: A. Chernenko. 1. a7 Bg6 + 2. Kxd4 Be4 3. Kxe4 h2 4. Bg2 Kxg2 5. Kxe3/i h1Q 6. a8B $+\mathrm{Kh} 2(\mathrm{~g} 1) 7$. Bxh1 Kxh1 8. Kf4 Kg2 9. Kxg4. i) 5. a8Q? h1Q 6. Kxe3 +Kg 37. Qxh1 stalemate. 5. a8B? Kf2 6. Kd3 g3.
JRH: Perhaps the nearest underpro-
motion to wB to avoid stalemate is Jespersen (1936, British Chess Magazine): wKe3, wBa8, wPa5, b2, h3; bKh1, bPg2, h2, h4. 1. a6 Kg1 2. Bxg2 Kxg2 3. a7 h1Q 4. a8B + wins, but not $4 . \mathrm{a} 8 \mathrm{Q}+$ ? Kg 3 .

No. 4502 G. Zakhodyakin G. Zakhodya
Special Prize for 5 -man studies


No. 4502: G. Zakhodyakin. 1. Qc3 $\mathrm{Rg} 8 / \mathrm{i}$ 2. Kf7 +Kh 7 3. Qd3 +Kh 84. Qd4 + Kh7 5. Qe4 + Kh8 6. Qe5 + . i) $1 . \ldots, \mathrm{Rh} 72 . \mathrm{Kg} 6+$ with a symmetrical continuation (i.e. main line mirrored).


No. 4503: V.A. Bron. 1. Sd5 Sf7 2. b6 Sd6 3. Sxf6 + Kg5 4. Se4 + Sxe4 5. b7, or 2. ..., Sd8 3. Sf4 +Kg 54. Se6 + Sxe6 5. b7, or 2. ..., Se5 3. b7 Sc6 4. Sf4 +Kg 5 5. Se6 $+\mathrm{Kf5} 6$. Sd4 + .
JRH: Combining the commonplace S-check (to bS and bK) to ensure promotion, with the threat of mate by $w P$ and $w S$ and $w K$ is novel.


No. 4504: V.A. Bron. 1. $\mathrm{Bg} 7+\mathrm{Ke} 4$ 2. $\mathrm{Sc} 3+\mathrm{Kf} 3$ 3. Se5 $+\mathrm{Kf4} 4$. Bxh5 Sf5 5. Bh8 Sg3 + 6. Kg2 Sxh5 7. Sb5 e2 8. Sxa3 elS + 9. Kf2 wins.


No. 4505: V.A. Bron. 1. e7 Sxe7 2. de Rc8 3. b3 Bxb3 4. Rxb5 + Kf4/i 5. Rb4+ Kf5 6. Rxb3 Rxc7 7. Rf3+ Kg 4 8. $\mathrm{Rg} 3+\mathrm{Kh} 4$ and 9. e8R wins, but not 9. e8Q? Rc1 + 10. Kf2 Rf1 + 11. $\mathrm{Ke} 2 \mathrm{Re} 1+$ 12. Kxel g1Q+ 13. Rxg1 stalemate.
i) 4. ..., Kf 6 5. Rb8 Rxc7 6. e8S + .


No. 4506: N. Kralin. 1. e7 Rg2 +2 . Kh5 Rh4 + 3. Kxh4 Bf6 + 4. Rg5 + Rxg5 5. e8S Bd8 6. Se7 + Bxe7 7. Sf6 + Bxf6 stalemate.


No. 4507: D. Gurgenidze. 1. h8Q $\mathrm{Rcl}+2 . \mathrm{Kd} 8 \mathrm{Rd} 1+3 . \mathrm{Ke} 8 \mathrm{Re} 1+4$. Kf8 Rf1 + 5. Kg8 Rb1 6. Rf2 Rg1+ 7. Kf8 Rb1 8. Re2 Rf1 + 9. Ke8 Rb1 10. Rd2 Rel + 11. Kd8 Rb1 12. Rc2 Rd1+ 13. Kc8 Rb1 14. Qe5.


No. 4508: D. Gurgenidze. 1. a7 Kb7 2. Kh6 + Ka8 3. b5 h1Q 4. b6 Qal 5. Rg7 Qa2 6. Rf7 Qa3 7. Re7 Qa4 8. Rd7 Qxd7 9. b7 + Kxa7 10. b8Q + Kxb8 stalemate.

No. 4509: D. Kaseko. 1. Kd5 +Kg 8 2. Rg7 + Kf8 3. Rh7 g2 4. Rh8 + Kf7 5. $\mathrm{Rh} 7+\mathrm{Ke} 8$ 6. Rh8 +Kd 7 7. Rh7 + Kc8 8. Rh8 $+\mathrm{Kb7} 9 . \mathrm{Rh} 7+\mathrm{Ka} 610$. Bd 4 h1Q 11. $\mathrm{Ra} 7+\mathrm{Kb} 5$ 12. $\mathrm{Rb} 7+$ Ka 4 13. $\mathrm{Ra} 7+\mathrm{Kb} 4$ 14. $\mathrm{Rb} 7+\mathrm{Ka} 3$ 15. $\mathrm{Ra} 7+$.


Studies by Asaba, Vinokur and Zakhodyakin took 5th to 7th Commend places, according to the issue of '64' from which this award is taken, but the positions are not given, and neither are the solutions. It is illogical, one may be excused for thinking, that an award should omit some of the compositions it is honouring -- yet this seems to happen quite frequently in the USSR. Would a Soviet reader care to comment on this, or even to justify it? (AJR).

No. 4510: V. Pachman. Judge: Jan Sevcik. 1. Se4+/i Kf4/ii 2. Rh4 + /iii Ke3 3. Sxf2 (Sg3? Kd3;) 3. ..., Sc3 +/ iv 4. $\mathrm{Ke} 1 / \mathrm{v} \operatorname{Se} 4+5$. Kf1 $\mathrm{Sg} 3+6$. Kg1 Se2 +/vi 7. Kh1 (Kh2? Bd6+) 7 .

Be1 (Sg3+; Kh2) 8. Rh3 +/vii Kxf2 9. Rf3 mate.
i) $1 . \mathrm{Se} 6+? \mathrm{Kf} 52 . \mathrm{Sg} 7+\mathrm{Kg} 6$.
ii) 1. ..., Kg4 2. Ke2. 1. ..., Kf5 2. Sxf2.
iii) 2. Ke2? Sd4+ and 3. ..., Kxe4 2. Sxf2? Kg3.
iv) 3. ..., Kxf2 4. Rxb4 Sc3 + 5. Kd2 Sd5 6. Rd4. 3. ..., $\operatorname{Be} 7$ 4. $\mathrm{Sg} 4+\mathrm{Kf} 4$ 5. Sf6 +Kg 5 6. Rh5 + .
v) 4. Kc2? Kxf2 5. Rxb4 Sd5.
vi) 6. ..., Be1 7. Sg4+ Kf4 8. Sh6 + Kg5 9. Rh3 Kf4 10. Sf7 and if, in this, 7. ..., Ke2 8. Rh8. 6. ..., Be7 7. Rh3 Bd6 8. Sh1.
vii) $8 . \operatorname{Sg} 4+$ ? Kf4 8. Sd1 + ? Kd2.

Hugh Blandford: "After the dogfighting for material the sacrifice of wS on f 2 leading to $w R$ model mate aided by the 2 self-blocks by bS and bB comes as a neat surprise."


No. 4511: D. Gurgenidze and E.L. Pogosyants. 1. Ra4+ Kb3 2. Rxa5 Rh7 + 3. Ka6 Sd5 4. Rxd5 Rc7 5. Rb8 + and now:
5. ..., Kc4 6. bRd8 clQ 7. Kb6 Kb4 8. Rb5 + Kc4 9. bRd5. Or 5. ..., Kc3 6. Kb6 Rc4 7. Rh8 c1Q 8. Rh3 + Kb2 9. $\mathrm{Rh} 2+\mathrm{Ka} 3$ 10. $\mathrm{Rh} 3+\mathrm{Rc} 311$. Ra5 + .

No. 4512: L. Kopac. 1. Sxf7 +/i Kf4 2. Rd8 Qa7 3. Ba5/ii e5 4. Rf8 e4 5. Sd8 +Ke 5 6. Sc6 + , or, here, 5. ..., Kg5 6. Se6 + Kh4(h6) 7. Rh8 mate. i) 1. Rd8? Qa7 2. Sxf7 + Kf6 3. Rf8 e6.
ii) 3. Bc3? Qa2 + 4. Kh3 Kxf3.


No. 4513: Em. Dobrescu. 1. Bf6+ Kg 8 2. $\mathrm{Bh} 7+\mathrm{Kf8} 3 . \mathrm{Bg} 7+\mathrm{Ke8} 4$. Bg6 + Kd8 5. Bf6 + Kc8 6. Bf5 + Kb8 7. Kxa6 Ral $+8 . \mathrm{Kb} 6 \mathrm{Rb} 1+9$. Bxb1 g1Q 10. Be5 + Kc8 11. Bf5 + Kd8 12. Bf6+Ke8 13. Bg6+Kf8 14. $\mathrm{Bg} 7+\mathrm{Kg} 8$ 15. $\mathrm{Bh} 7+\mathrm{Kxh} 716$. Bxd4 + Kg6 17. Bxg1 wins.


No. 4514: V. Kos.

1. $\mathrm{Se} 7 \mathrm{Rg} 3+$ 2. $\mathrm{Kxg} 3 \mathrm{Sh} 5+3$. Kh 4 Sxg 7 4. $\mathrm{Bxg} 7+\mathrm{Kd} 25 . \mathrm{Sf} 3+\mathrm{Ke} 36$. Sd4 Bxe7 +7 . Kh5 Rb6 8. Sf5 + ef 9. Bd4+Kxd4 stalemate.

JRH: The stalemate is known, eg Troitzky (1899), No. 1015 in '2500'.


No. 4515: V.S. Kovalenko. 1. Be4 +/ i Kb8 2. a6 Rg7+ 3. Kf8/ii Rd7 4. Ke8 Rd8 +5 . Ke7 Rd7 +6 . Kf6 wins. i) $\mathrm{a} 6 ? \mathrm{Rg} 4$ 2. $\mathrm{Bb} 5 \mathrm{Rg} 7+3 . \mathrm{Kf} 8 \mathrm{Rb} 7$ 4. Bc6 Kb8 5. Be 4 Rd 7 6. Ke8 Rg7 7. Kf8 Rd7.
ii) 3. Ke 8 ? Rg 7 3. $\mathrm{Kf6}$ ? Rd7 4. Kxe6 Rg7. 3. Kd8? Rd7 + 4. Ke8 Rg7.


No. 4516: D. Gurgenidze and V. Kalandadze. 1. $\mathrm{Rg} 7+\mathrm{Kh} 8$ 2. $\mathrm{Rg} 8+$ Kh7 3. R $5 \mathrm{~g} 7+\mathrm{Kh} 64$. Rg6 +Kh 75. $\mathrm{g} 5 \mathrm{Rxc} 3+$ 6. Kxc3 Rxe3 + 7. Kd4 Re4 + 8. Kc5/i Re7 9. Kxd5 c5 10. Kd6 Ra7 11. Ke6 c4 12. Kf6 Ra6+ 13. Kf5 Ra7 14. Kg4 c3 15. Kh5 Rc7 16. Ra8(b8) c2 17. R6g8 Rc5 18. gRc 8 .
i) 8. Kxd5? Re7 9. Kc6 Rf7 10. Kc5 Rd7.

No. 4517: C.M. Bent. 1. Sc $4+/ \mathrm{i}$ Qxc4 2. Qxc4 Se5 + 3. Kh5 Sxc4 4.
$\mathrm{b} 4+\mathrm{Ka} 45 . \mathrm{Be} 8+\mathrm{b} 56 . \mathrm{Bg} 6 \mathrm{f} 57$. Bxf5 ef stalemate.
i) 1. b4+? Ka4 2. Qxe6 Sxe5+ 3. Kg3 Qc6.
JRH: Same stalemate as in No. 4514.


No. 4518: V. Novikov. 1. Rg4 ba 2. Rxh4 + Kg2 3. Rg4 + Kf1 4. Rh4 Kg 2 5. $\mathrm{Rg} 4+\mathrm{Kxf} 26 . \mathrm{Rf} 4+\mathrm{Ke} 27$. Re4 + Kd2 8. Rd4+ Kc2 9. Rc4+ Kb 2 10. Rb4+ Kc3 11. Rc4 +Kb 2 12. Rb4+Kc3 13. Rc4 + Kxc4 14. bc Bxc7 stalemate.


No. 4519: Y. Makletsov.

1. Bc5 + Ka6 2. Rxa4+ Kb5 3. Bd6 Qxd6 4. Sc3 + Kb6 5. Rb4 + Qxb4 6. b8Q + and mate by Qa7 (if ...Ka5) or by Qc7 (if ... Kc5).


No. 4520: G.M. Kasparyan. Judge: A. Lewandowski of Torun. 1. Qh1+ /i Kb8 2. Ke7 Rg6 3. Rf8 $+\mathrm{Sc} 8+4$. Rxc8 + Kxc8 5. b7+/ii Kb8 6. Qh2 +/iii Kxb7 7. Qxh7 Qc6 8. Se6/iv, with echoed stalemating lines: 8. ..., Qxe6 + 9. Kf8 + Ka6 10. $\mathrm{Qa} 7+$, and 8. ..., Rxe6 + 9. Kd8 + Ka6 10. Qa7 +. (8. ..., Qc2 9. Qh5 seems clearest. AJR).
i) 1. Qxf6? Qe8 + 2. Kc7 Sb5 mate.
ii) 5. Qh3 +? Kb7 6. Qxh7 Qc6, or, in this, 6. Sxh7 Qe4 + 7. Kf7 Rg4.
iii) 6. Sxh7? Qf4. 6. Se6? Qb4+ 7. Kf7 Qd6.
iv) $8 . \mathrm{Kd} 8+$ ? Kb6. 8. Sf7? Qc5 + .


No. 4521: E. Dobrescu. 1. Qb7
Qc5 +/i 2. Ke8 Qc3 3. Bd2 Qd4/ii 4. Be3/iii Qe5 5. Bf4 Qf6 6. Bg5 Qe5 7. Kf7 Qxg5 8. Qa8 + Kh7 9. Qg8 + Kxh6 10. Qh8 mate.
i) 1. ..., Qf5 + 2. Ke8 Qe5 3. Bf4. ii) 3. ..., Qb2 4. Qc7 h1Q 5. Bc3+. iii) 4. Qc7? h1Q 5. Bc3 Qa8+.


No. 4522: M. Matous. 1. Qxb5 Rc2+ 2. Kxb7/i Rb2 3. Sb3/ii Rxb3 4. Ka8 Kd4 5. Qd5 + Kxd5 6. a7, stalemate follows.
i) 2. Sxc2? Qxb5 3. a7 Qa5 + 4. Kxb7 Qb5 + 5. Kc7 Qa6.
ii) 3. a7? $K x d 4$ 4. $Q x b 2+Q x b 2+5$. Ka8 Qa3 6. Kb7 Qb4 + 7. Ka8 Qa5 8. Kb7 Qd5 + 9. Kb8 Qd8 + 10. Kb7 Qd7 + 11. Kb8 Kc5 12. a8Q Kb6.


No. 4523: E.L. Pogosyants. 1. Rd6 Sf7 2. Ra6+/i Kb7 3. Re6 Bg7 4. Kb4 Bf8 + 5. Ka5 Sd6 6. Rxd6 Bxd6 stalemate, or 5. ..., Bd7 6. Re7 Bxe7 stalemate.
i) 2. Re6? Bd7 3. $\operatorname{Re} 7 \mathrm{Bg} 7$ (Bf6? Rxd7) 4. Kd5 Ba4 5. Kc4 Sd6 + 6. Kb4 (else Se8;) Bf8 7. Rh7 Be8 8. Rh8 Be7.


No. 4524: J. Rusinek. 1. c7 Sd3 + 2. Kd1 Sb2 + 3. Kc1 Bxc5 4. Sg4/i Rxg4 5. c8Q Rc4+6. Bc3 Bxe3 + 7. Kc2 Rxc8 stalemate.
i) 4. c 8 Q ? Bxe3 $+5 . \mathrm{Bd} 2 \mathrm{Bxd} 2+6$. $\mathrm{Kc} 2 \mathrm{Ba} 5+$ mates.


No. 4525: V.N. Dolgov. 1. dRf2 Kg4 2. $\mathrm{Rg} 1+\mathrm{Kh} 5$ 3. fRf1 Kh6 4. Rf3 Kh5 5. Rf2. Zugzwang. 5. ..., c5 6. fRf1 Kh6 7. Rf3 Kh5 8. Rf2 c4 9. fRf1 Kh6 10. Rf3 Kh5 11. Rf2 c3 12. fRf1 Kh6 13. Rf3 Kh5 14. Rf2 c2 15. fRf1 Kh6 16. Rf3 Kh5 17. Rf2 and wins, for 17. ..., Rf7 18. Rg8 Sh6 19. Rh2 mate.

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