

## EDITORIAL

What kind of organisation do study enthusiasts need? Do we need local groups forming clubs, clubs associating together under national organisations, and on an international scale a grand administrative "authority"? No, we do not. Which is of course fortunate, because no such organisation exists or is ever likely to exist.
Why do we not deed any such thing? Because composing, solving, or just browsing, are not activities that can be efficiently co-ordinated or need co-ordinating. The occasional meeting so that we can see what old so-and-so looks like and spread around by personal contact that catching germ, enthusiasm, is enough. The rest is correspondence. There is nothing to stop the occasional meeting, of course, from being international, and that may need some organisation. But an "authority", no.
What organisations have we got? In this country we have only the Chess Endgame Study Circle and its magazine EG. The British Chess Problem Society and its mouthpiece The Problemist might seem a second focal point.
In practice this is not so and the leading lights of the BCPS recognise the fact: there is no room in The Problemist for 36 studies with extensive solutions, let alone 48; studies, which would be a junior and minority interest of BCPS members, would tend to be squeezed out if any conflict of interest arose, such as expansion; study men and problemists are generally different types anyway; there is a useful verbal distinction between "problems", with their number-of-moves limitation built into each stipulation, and "studies" with their unlimited over-the-board considerations, so that the word "problem" in the titles of the Society and its publication would be, in our view, misleading; then, there are, or have been, squabbles within the BCPS that we are better without; and in general we need complete freedom to organise ourselves to the minimal extent necessary and to formulate our own aims.
Next, and we think, leastly, there is the Problem Commission of FIDE, with an intermittently meeting endgame study sub-committee. It is hardly surprising that the gentlemen who attend these meetings have a far from world-shattering impact on the activities of composers. Not that we belittle their efforts. On the contrary we think that FIDE composing tourneys, FIDE Albums, FIDE meetings, and even FIDE titles, are entirely praiseworthy. Furthermore we are certain that co-operation on such a truly international scale is valuable in itself, by definition, in whatever sphere it occurs - and chess is far more international than music, for instance, which is often quoted as contributing towards international amity. The point we make here is simply that the nature of chess composition and its enjoyment is not susceptible to organisation in general. There is a danger even that organisation might, by occupying over-much the eminent and the energetic, lead them to compose less. This would be tragic.
There is one valuable aspect of organisation that is unquestionable. This is propaganda and publicity. But, and this is our problem, we must
obtain these without organisation, which will be possible only if we each seize every possible opportunity of introducing studies, and what they are about, to our player-friends. As J. E. Peckover indicates, ignorance about studies is rife. In the highest and most unlikely playercircles studies and problems are equated (to the detriment of both), studies are treated as "frills", are ignored, are unknown.
It is up to members of the Chess Endgame Study Circle, individually, to change this, by:
i) giving examples of studies and study-situations in our correspondence
ii) giving talks at schools and clubs
iii) using the contents of $\mathbf{E}$ G on all possible occasions
iv) choosing likely friends to give subscriptions to the CESC.
A. J. Roycroft.

## MEETING OF THE CHESS ENDGAME STUDY CIRCLE

The circle met for its first lecture meeting on Friday 1st October at St Bride's Institute, London E.C.4. Present were Messrs Bent, Fraenkel, Harman, Miller, Roycroft, Sobey, Stallybrass, Valois and Veitch. The meeting proceeded in a very friendly atmosphere and there was much lively discussion. There were two main items. The Circle Founder introduced and read the three greetings letters from Joseph Peckover, Harold Lommer and André Chéron. Mr. Peckover welcomed the appearance of the Circle and, referring in particular to a popular article about chess in "all" its aspects that was published in an American newspaper, emphasised the poor publicity given to the study art (the article never even mentioned chess composition), especially in English-speaking countries, with its consequent lowly status and general neglect. The Lommer and Chéron letters expressed similar good wishes and are dealt with below. After this Adam Sobey delivered a lecture "The Modern Miniature", which was of great interest, well presented, and enjoyed by all.
Harold Maurice Lommer was born in 1904. He is English, but not liking the climate he now lives in Valencia, Spain. A major extract from his, letter:
At your meetings you will see many great

Diagram 1
Variation from HML's 1st Pr.
 masterpieces, with extraordinary ideas in the main line and beautiful fringe variations. Listen to your heart, it will beat faster: and you would like to whisper: "I wish I could do something like this!". Translate this wish into reality: why not? If others can do it, why not you! At least some of you.... one of you.
Do not think that you could never compose such a wonderful main line, and for certain not the beautiful fringe variations. But the composer never had these nice fringe variations in mind! He never even thought of them, but HE FOUND THEM! They were there for the asking.

Let me demonstrate: The birth of an idea. The struggle.
Setbacks.
Despair.
Success.

Step in the workshop of the composer at work.
In 1963 I was at work on an ending, where in a side variation, play could continue as follows. (Diagram 1.)
$1 . f 8: \mathrm{Q}, \mathrm{bl}: \mathrm{Q}+: 2 . \mathrm{Qb4}=\mathrm{I}$ found this position very interesting, and wondered if by slightly altering the white position, black could not find a way to win. You may call this the birth of a yet unsuspected idea. So, I reversed colours and "shifted" the pieces about a little, "just to see what would come out." (see diagram 2) I tried giving a series of checks but the black Queen always interposed and I made no headway. To make any progress it is absolutely necessary to get the white Bishop into play; how could this be done? I finally tried a Queen triangulation. I had no particular idea. I just plodded on 1.Qe8 + ! (only move), Qc8; 2.Qe5+ (what else?), Qc7:3.Qh8+ (what else?) Qc8; now what? There was no other move on the board but 4.Bg8!! and
black has no move, or so I thought. The points of exclamation I chalked up to Caissa, up to now, I had done nothing but investigate. I had composed an ending without even trying! I quickly sent it to a tourney and showed it to all and sundry amongst whom Mr. Blandford of England. A letter came from him: 4 ., Rh6+!; 5.QxR,Qc6+!!:6. QxQ stalemate. Damnation, this blows the ending sky-high. He suggested, why not a black pawn on "h2"? I was saved. I quickly amended my entry and it was published. I showed it to a friend here and
 he tried 1.Qe4! and black is lost. This possibility too had escaped me. With a black pawn on "h2" black has no checks. Another letter to the editor with drawing my ending. The fiasco was complete. Now the real struggle began and I was more ambitious than ever. I wanted to incorporate the stalemate found by Blandford as a diabolical trap. So I tried (diagram 3) starting with a "capture key". Capture keys are always bad, but there are exceptions, and this is one of them, for if white captures the wrong rook (b6) then Blandford's stalemate becomes active. So $1 . \mathrm{RxRb4}, \mathrm{RxR}$ no, wait a moment, what about $1 \ldots, \mathrm{Qb} 7+$. This thing is cursed, the black rook is unpinned, hence the white Queen attacked, and there is nothing better than $2 . \mathrm{Qg} 2, \mathrm{QxQ}+; 3 . \mathrm{KxQ}, \mathrm{RxR}$ and the game remains drawn. I
went to bed in disgust. The next day I was again looking at the ruins of a dream, and tried (what else?) 1.Rxb4,Qb7+; 2.Bd5 but it was a miserable move. No wait: $2 \ldots, \mathrm{RxQ}$ is not possible for $3 . R x Q+$ thanks to the Bd5.
But what if: $2 \ldots, \mathrm{QxB}+$; 3. Qe4 a bit of "luck" here, the Rook protects the Queen. Will my luck hold? $3 . . ., \mathrm{Qh} 5+$; $4 . \mathrm{Kg} 2$ (thank God the Rook b6 is pinned), $4 \ldots, \mathrm{Qg} 5+$; 5. Kfl, Qf6 + hits the Rook al, no, saved again; 6. Qf4+ and wins. Let's see if the thing works now: 1. Rxb4, RxR; 2. Qe8t, Qc8; 3. Qe5 $\dagger$, Qc7; 4. Qh8t, Qc8; 5. Bg8! and white threatens to reverse the triangulation e.g. 6. Qe5t, Qc7; 7. Qe8t, Qc8; 8. Ra8 $\dagger$ wins. Can Black here sacrifice the Rook, like Blandford did? Let's see: $5 \ldots$... Rh4 $\dagger$; 6. QxR, Qb7 $\dagger$ damnation if $7 . \mathrm{Kg1}, \mathrm{Qg7} \dagger$ wins the rook and if 7. Kh 2 , $\mathrm{Qb} 2 \dagger$ wins the rook again. This thing is cursed. Let's try anyhow just to see 7. Kh2, Qb2†; 8. Kh3 at least black has no more checks, as it would be answered by a cross check or pin. $8 \ldots$, QxR; 9. Qd8 $\dagger$ (what else?) and black is either mate or loses the Queen. Saved again. Last but not least (black has no decent move) let's try: after 5. Bg8 $5 \ldots$, Rb5 (stopping 6. Qe5 $\dagger$ ) 6. Qh2t, Qc7; 7. $R a 8 \dagger$ got you, $7 \ldots$. KxR ; 8 . QxQ , Rb1 $\dagger$ what is this? The black King is in a stalemate position, can black give perpetual check? $9 . \mathrm{Kg} 2, \mathrm{Rg} 1+$ !; 10. Kf3, Rf1 $\dagger$; 11. Ke4, Rel $\dagger$ 12. Kd5, Rd1 $\dagger$, 13. Ke6, Re $1 \dagger$; 14. Kd6, Rd1 $\dagger$ ( $14 . .$. , Re $6 \dagger$; 15. Kd5! and there are no more R $\dagger$ s); 15. Bd5t, RxB $\dagger$; 16. Ke6! wins. Let's have a final look after 1. Rxb4; RxR; what about 2. Bd5 with a mate threat! No, Rh4 $\dagger$ saves the day. Let us assume that the ending is correct and that you saw the solution for the first time. What would you think? That HML must be a very clever fellow indeed. Fancy having all these things in mind when he started!
Now you know better, and this will apply to a number of endings you see by others. Blandford saw the stalemate and with the capture key I made capital out of it. As for the rest, it was there and the only merit I have is to keep on trying and discovering. The one and only "!" I can give myself was to set up diagram 2 just to see IF anything would come out of it. So do many composers. They shift pieces around to have a "look-see". You have a board and pieces and if you find something of interest (and you will, of this there is no doubt at all) take whatever you have found ovon if it is in the zaw state, to the next "Study Group Meeting" and see what others think of it. There will be many suggestions, avail yourself of the best and keep on. Two brains are better than one, and three better than two. The idea will remain your own property, for we always all help each other. There now follows the complete letter from André Chéron.

## SUR LES FINS DE PARTIE AU JEU D'ECHECS

'En toute chose il faut considérer la fin" a écrit le grand fabuliste français La Fontaine.
Ce conseil s'applique aussi à notre beau jeu d'échecs et je n'en veux pour preuve que ce qu'en disait l'ancien champion du monde Capablanca:
"Pour se perfectionner au jeu d'échecs, il faut avant toute chose étudier les fins de partie".
Il n'est jamais superflu de définir les mots qu'on emploie, même lorsqu'on s'adresse à une élite éclairée, comme c'est le cas ici.
Par fin de partie nous entendons une position composée, présentant une énigme à résoudre dont l'énoncé peut prendre deux formes:
Les blancs jouent et gagnent.
ou Les blancs jouent et font nulle.
Il est nécessaire - et vous verrez bientôt pourquoi - de distinguer deux genres de fins de partie: les fins de partie didactiques et les fins de partie artistiques.
Bornons-nous à considérer les différences essentielles entre les deux genres. Les fins de partie didactiques ont pour but l'utilité directe qu'elles présentent pour le joueur qui ne s'intéresse qu'à la partie jouée et aux succès dans les tournois. Pour prendre un exemple simple, la lutte de roi et dame contre roi et tour est une fin de partie didactique. Il est utile pour le joueur de savoir d'abord que la dame gagne contre la tour, et ensuite comment la dame gagne contre la tour dans la limite des 50 coups impartie par la règle. Il va de soi que l'existence de plusieurs solutions ne démolit pas une fin de partie didactique. On serait même tenté de dire que plus il y a de solutions, mieux cela vaut pour le joueur, puisque sa tâche s'en trouve facilitée.
Je tiens à vous mettre en garde contre une illusion. Et cela vaut d'ouvrir ici une parenthèse.
Ne croyez pas qu'une fin de partie telle que: roi, une tour et un pion contre roi et une tour - pour prendre un exemple entre mille - soit simple, ce qui dispenserait d'en étudier la théorie. Ce qui est simple, c'est le matériel, et non la solution.
Considérez le diagramme suivant.
Cette position est celle de la 16 ème partie du championnat du monde 1935, avec couleurs interverties.
Que s'y passa-t-il?
Grigorieff a démontré qu'Alékhine aurait pu forcer le gain par 1.a5-a6!
Mais Alékhine commit la faute de jouer 1.Ta7-h7? après quoi Euwe aurait pu forcer la partie nulle par Tbl-al!.
Mais au lieu de répondre 1...Tb1-al!, Euwe commit à son tour une faute et joua $1 \ldots$ Tbl-cl $\dagger$ ? après quoi il perdit à coups forcés.
Vous constatez que deux champions du monde, dans un championnat du monde, ont tous deux commis des fautes décisives dans cette fin de partie aux apparences si simples.

Championnat du monde 1935


Ne me dites pas que le fameux , Zeitnot" est responsable de ces deux fautes. On pourrait écrire plusieurs volumes avec des exemples de ce genre, où des parties qui auraient dû être gagnées n'ont été que nulles, où des parties qui auraient dû être nulles ont été perdues, tout cela par ignorance ou connaissance insuffisante des fins de partie didactiques.
Un joueur qui connaît son intérêt doit étudier les fins de partie didactiques non seulement afin de tirer toujours le maximum de sa position en fin de partie, mais de le faire en économisant son temps de réflexion à la pendule et ses efforts cérébraux.
Et cette étude des fins de partie didactiques n'est pas seulement utile au joueur, mais aussi au compositeur de fins de partie artistiques. Un exemple sera plus clair qu'une explication générale.
Solution de Rinck: 1. Dh4-e4†, Rb7-a6; 2. Th2-h6t, Tfl-f6; 3. De4-f5 gagne. Et contre son habitude, Rinck s'arrête là sans la moindre démonstration. Pourquoi? Parce que le gain lui semble évident, après 3. De4-f5.
Et Rinck est regardé comme un des compositeurs les plus corrects et le moins souvent démoli.
Mais j'ai démoli cette fin de partie ainsi: $3 .$. Tf6 6 h6 fait nulle; 4. Df5 $\mathrm{ff7}$, Th6-c6! (Journal de Genève, 5 février 1957). Voir la démonstration complète dans André Chéron: Lehr- und Handbuch der Endspiele, tome 3 (page 234).
Si Rinck avait connu mes recherches sur la théorie de dame contre tour et pion, il

Henri Rinck
Basler Nachrichten, 18 dec. '28


Les blancs jouent et gagnent aurait vu aussi cette démolition.

Et voilà pourquoi le compositeur de fins de partie artistiques doit connaitre les fins de partie didactiques.
C'est dommage pour une idée aussi belle que celle du diagramme précédent, direz-vous. Je partage vos regrets et c'est pourquoi j'ai reconstruit cette étude de la manière suivante:

Voir mon ouvrage précité: No 1819.
Et je profite de l'occasion pour faire deux remarques.
La première est que, dans un cas de ce genre, l'équité commande que, si l'on cite ma fin de partie, on doit aussitôt après donner la position exacte de Rinck, afin que le lecteur puisse se rendre compte de ce que chaque compositeur a apporté dans la réalisation de la combinaison. Ainsi à chacun des deux, Rinck et moi-meme, revient exactement le mérite qui lui est dû. Et ce serait léser sûrement un des deux compositeurs que de se contenter de citer ma fin de partie, en mentionnant simplement en haut du diagramme: André Chéron (après Henri Rinck).
Ma seconde remarque est une question


Les blancs jouent et gagnent
que je vous pose. Quand une combinaison aussi belle que celle de Rinck se trouve démolie, que doit faire le démolisseur s'il est aussi un compositeur?
Il a le choix entre deux attitudes, et seulement deux.
Ou se contenter de son travail de démolition, et alors la belle combinaison retourne au néant, ce qui est dommage pour le monde des échecs.
Ou reconstruire correctement l'étude démolie, en cherchant, si c'est possible, et par surcroít, à l'améliorer encore.
Terminons cette longue digression et passons à la fin de partie artistique. Son but n'est pas l'utilité, mais la beauté. Ce que cherche le compositeur d'une fin de partie artistique, c'est à provoquer l'enthousiasme du chercheur par une combinaison extraordinaire, inattendue, brillante. CAR LA FIN DE PARTIE ARTISTIQUE N'EST AUTRE CHOSE QUE L'ART DES BELLES COMBINAISONS.
Une conséquence capitale, évidente, en découle immédiatement.
Si une fin de partie artistique a deux solutions (au moins); la combinaison extraordinaire préparée et voulue par le compositeur, et une autre (qui a les plus grandes chances d'être banale puisqu'elle n'a pas été préparée ni voulue), il est clair que la combinaison extraordinaire, préparée par le compositeur, cesse d'avoir un attrait et de mériter notre admiration, puisqu'il existe un autre moyen d'erriver au même but: gagner ou faire nulle. Il est donc tout naturel de regarder cette fin de partie comme démolie et ayant perdu toute valeur et tout intérêt. Une fin de partie artistique (de même pour un problème) ne doit avoir qu'une solution.
C'est un pendant naturel de l'esprit humain que si une fin de partie artistique l'a enthousiasmé, il cherche à faire partager sa joie à son prochain.
Dans un club comme celui-ci, qui ne réunit que des amateurs de belles fins de partie, vous êtes sûrs que votre joie sera partagée.
Mais si votre prosélytisme passe les limites de ce club - et comment ne le ferait pas un véritable prosélytisme? - la réaction de votre auditeur ne sera parfois pas celle à laquelle vous vous attendez et vous aurez parfois l'impression d'avoir parlé peinture à un aveugle, ou musique à un sourd.
Les amateurs d'échecs qui s'intéressent surtout et d'abord à la partie jouée sont la majorité. Et il n'y a là matière à aucun reproche de notre part car chacun a le droit d'avoir ses préférences personnelles. Comme dit un proverbe français, des goûts et des couleurs on ne dispute pas.
Mais il est de prétendus amateurs d'échecs qui ne s'intéressent qu'à ce côté des échecs et pour qui le roi des jeux n'est qu'une sorte de catch intellectuel où la seule qualité qui compte est l'efficacité. Heureusement, ceux là sont la minorité.
Lorsque vous montrerez une belle fin de partie artistique (et j'en ai rencontré un qui n'a même pas voulu consentir à regarder ce que je voulais lui montrer) à un joueur de cette catégorie, vous l'entendrez parfois s'exclamer: „mais à quoi voulez-vous que cela me serve?" Et ce sera comme une douche glacée sur votre enthousiasme.
Tout mon être se soulève d'indignation quand j'entends semblable blasphème. Et je n'ai que deux réponses à y faire.
La première, si je me place sur le plan exclusivement utilitaire, est qu'il est faux que la connaissance des fins de partie ne serve à rien aux joueurs. Je l'ai dit et je le répète, des milliers de fins de partie jouées ont été perdues qui auraient dû être nulles, ont été nulles qui auraient dû être gagnées si le ioueur qui a commis la faute avait connu
une certaine fin de partie illustrant la combinaison qui lui a échappé. D'innombrables exemples fourmillent dans tous les traités de fins de partie. On vient même d'écrire un petit livre sur ce sujet: Staudte et Milescu: das $1 \times 1$ des Endspiels (Walter de Gruyter, Berlin, 1965).
La seconde est qu'une oeuvre d'art est un but en soi. Elle n'a pas à justifier son existence par son utilité. Or les fins de partie artistiques ne sont pas des devinettes mais des oeuvres d'art.
A quoi sert une fin de partie artistique? A celui qui pose une telle question, nous pourrions demander: à quoi servent la Joconde, la Vénus de Milo, la sonate au claire de lune de Beethoven, un drame de Shakespeare ou d'Edmond Rostand?
Le grand poète anglais Keats a déjà répondu magnifiquement à cette question:
"A thing of beauty is a joy for ever: Its loveliness increases: it "will never Pass into nothingness ..."

Et Quelqu'un de plus haut encore n'a-t-il pas dit déjà: "L'Homme ne vit pas que de pain".
Pour sentir tout le prix que présente pour l'Humanité l'ensemble des arts, il n'y a qu'à imaginer ce que serait son appauvrissement si un cataclysme détruisait sur terre l'ensemble des oeuvres d'art.
Un joueur s’extasie devant une partie jouée qui a été gagnée par une promotion en cavalier, ou un sacrifice de dame, ou a été sauvée par un pat.
Par quel mystère psychologique peut-il rester insensible quand on lui montre une fin de partie qui est gagnée par huit promotions en cavalier, ou neuf sacrifices de dame, ou est sauvée par 19 pats tous différents?
Ce joueur, comme nous, comme tout le monde, s'intéresse au record du monde du mile, quoiqu'il ne pratique pas la course à pied, parce que tout esprit curieux s'intéresse aux limites des capacités humaines. Comment ce joueur, qui pratique les échecs, peut-il alors ne pas s'intéresser aux limites des capacités humaines dans son art?
Et maintenant, cher Monsieur Roycroft, je vous félicite de fonder à Londres un club des amis de la fin de partie. Et je lui souhaite un grand succès et une longue vie. Qu'il soit le foyer où brûle la flamme de la beauté aux échecs, et que cette flamme réchauffe les coeurs et illumine les âmes!

Leysin, le 26 février 1965.


André Chéron,
Villa Les Glaciers
LEYSIN
Suisse (Switzerland).


No. 73: G. M. Kasparyan. $1 \mathrm{Bg} 7 \mathrm{f} / \mathrm{i}$ Bd4/ii $2 \mathrm{~h} 6 / \mathrm{iii} \mathrm{Kd} 3 \dagger$ /iv $3 \mathrm{Kbl} / v$ $\mathrm{Rb} 8 \dagger$ /vi $4 \mathrm{Ka} 2 \mathrm{Rh} 85 \mathrm{Bf} 7 / v i i \operatorname{Ra} 8 \dagger / v i i i ~ 6 \mathrm{~Kb} 3 \mathrm{Rb} 8 \dagger 7 \mathrm{Ka} 4 \mathrm{Rh} 8$ 8Ba2/ix $\mathrm{Kc} 3 / \mathrm{x} 9 \mathrm{Bg} 8 / \mathrm{xi} \mathrm{Kd} 3 \mathrm{BKb5} \mathrm{Ke} 411 \mathrm{Kc} 6 \mathrm{Be} 512 \mathrm{Kd} 7 \mathrm{Kf} 513 \mathrm{Ke} 7$ or e8 wins/xii.
i) B 1 threatened $1 \quad \mathrm{Bd} 4$ and $1 \mathrm{Kd} 4 \dagger$. ii) $1 \mathrm{Kd} 3 \dagger 2 \mathrm{~Kb} 2$ wins as $\mathrm{Bd} 4 \dagger$ is now too late - 3Bxd4 Kxd4 4Bg8 wins. iii) $2 \mathrm{Bxd} 4 \dagger$ ? loses because 2 . Kxd4 is check, and 2h8Q? Rxh8 is a draw. iv) Now the phenomenally deep play commences; to prevent wBg8 B1 will be forced to play
Rh8; Bg8 after which B1 can draw if he can effect the stepping-stone manoeuvre . Kd3-e4; Be5; Kf5; . Bf6; . Kg6; and . Bxg7 - to carry out this plan it is better for B1 to move his K with tempo to d3, incidentally preventing the preventive move Be4 by W. Of course $2 \mathrm{Kb4} \dagger$ loses at once because 3 K any threatens both Bxd4 and Bg 8 . v) $3 \mathrm{Kd1}$ ? $\mathrm{Be} 34 \mathrm{Bb} 2 \mathrm{Bxh} 6=$. vi) 3 Rh 8 is easier for W , 4 Bb 3 Ke 4 $5 \mathrm{Bc} 2 \dagger \mathrm{Kd} 56 \mathrm{Bf} 5$ and, once it is realised that the B 1 step-ladder manoeuvre is impossible now that $w B$ on $f 5$ controls $e 4$ and $e 6$, it is clear that nothing can stop wK marching via e 2 and g 4 to g 6 , winning. Note that after 6 Be5 wK cannot reach f7 via c7 as that passage is impassable, while on the other hand wBf5 covers c8, thus preventing . Rc8 with a complete blockade. Another variation is 3 Rh 84 Bb 3 Rb 85 Kcl Re8 $\dagger 6 \mathrm{Kd1} \mathrm{Be} 37 \mathrm{Kel} \mathrm{Re1} \dagger$ 8Bd1 Rc8 9Be2 $\dagger$ Ke4 10Bc4 wins. Note also the following variation for the position after Bl's move 10: 3 h8 4Bf7? Ke4 5Kc2 Be5 6Bg6 $\dagger$ Kd5 7Kd3 Ke6 8Ke4 Bf6 9Kf4 Ke7 10Kf5 surely W wins now - 10 Rf8 and draws (11Bxf8 $\dagger$ Kxf8 12Kxf6 stalemate, or 11 h 8 Q Bxg7t, or 11 Kg 4 Rh 8 ). vii) 5 Bb 3 ? Ra8†. 5Bg8? Ke4 $6 \mathrm{Bb} 3(6 \mathrm{~Kb} 3 \mathrm{Be} 57 \mathrm{Kc} 4 \mathrm{Kf5} 8 \mathrm{Kd} 5 \mathrm{Bf} 6 \mathrm{KKd} 6 \mathrm{Kg} 6 \Longrightarrow) 6$ Be5 7Bc2† Kd5 8Bf5 Rb8 (to cut off wK) 9 Ka 3 Kd 610 Ka 4 Kd 511 Ka 5 Kd 612 Ka 6 Kd5 13 Ka 7 Re 8 (threatening $\mathrm{Re} 7 \dagger$ and $. \operatorname{Rxg} 7=$ ) $14 \mathrm{~Kb} 6 \mathrm{Rb} 8 \dagger=$. viii) 5 . Ke4 $6 \mathrm{Bg} 6 \dagger \mathrm{Kd} 57 \mathrm{~Kb} 3$ Be5 8Bf5 and wins as in (vi). ix) Incredible, but consider $8 \mathrm{Bg} 6 \dagger$ ? Kc4 or 8 Kb 5 ? Ke4 9 Kc 6 ( 9 Kc 4 Rc8 $\dagger$ or 9 Kf5 =) 9 Kf5 10Bxd4 Rxh7 11Bg7 Kg5=. x)8 Ke4 9Bb1 $\dagger$ Kd5 10Kb3 Be5 11Bf5 and now the wK can no longer be cut off. xi) $W$ has gained what? A tempo. xii) Not a single capture in the main line. The win in (vi) is by K -march round the K -side, in the main line by K -march round the Q -side. Tactical points bristle everywhere. The whole work is of such depth that even after several hours of study we are not sure that we have accounted for everything.
No. 74: J. H. Marwitz. 1Sf3/i Sc3/ii 2Sc4/iii be 3Rd4†/iv Ke8/v 4Rxc4 S5a4 5Se5 Rb6/vi 6Rc8 $\dagger$ Ke7 7Rb8/vii Rd6 8Rd8 Rf6/viii 9Rf8 Rh6 10Rh8 Re6 11Rg8/ix Sc5 12Rg7 $\dagger \mathrm{Kf} 8 / \mathrm{x}$ 13Rg5 S5a4/xi 14Sd7 $\dagger$ and draws by perpetual check (Sd7-e5-d7) or Re5 if bK moves to e-file.
i) The initial material is beautifully level, with $R+2 S ' s=R+2 S ' s+P$. This would be readily drawn if $W$ could eliminate the bP at the cost of an S. But wK is subject to mating threats. Also, if B1 can win a wS then the remaining material, other things being equal, would win. W has to meet 1 Re1 $\dagger 2 \mathrm{Ka} 2 \mathrm{~b} 43 \mathrm{Rd} 4 \mathrm{~b} 3 \dagger 4 \mathrm{Ka} 3 \mathrm{Ra} 1$ mate. 1 Rh 3 or h5? $\mathrm{Re} 1 \div 2 \mathrm{Ka} 2 \mathrm{Sb} 4 \dagger 3 \mathrm{Ka} 3 \mathrm{Sc} 2 \dagger 4 \mathrm{Ka} 2 \mathrm{Ra} 1 \mathrm{mate}$. 1 Kb 1 ? loses to Rel $\dagger$, and 1 Ka 2 ? to b4 2Rd4 Rd6, or if here 2 Sd 1 Re2 $\dagger$ 3Kb1 Rd2 4 Rc 4 Rxdl $\dagger$ 5Rc1 Sc3 $\dagger 6 \mathrm{Kc} 2 \mathrm{~b} 3 \dagger$. 1Sc4? Re2 wins. 1Sf3 has the almost positional threat of 2Rh5 Rd6 3Sd4 b4 and now, for instance, 4Rxd5 Rxd5 5Sc6 $\dagger \mathrm{K}$ any $6 \mathrm{Sxb} 4=$. ii) 1 Re3 2Rh5 Sb3 $\dagger$ 3Ka2 Sb4 $\dagger 4 \mathrm{~Kb} 1$ Rxf3 5Rxb5 Rf1 $\dagger 6 \mathrm{Sd} 1 \mathrm{Rxd} \dagger \dagger 7 \mathrm{~Kb} 2 \mathrm{Scl}$ or $\mathrm{c} 58 \mathrm{Rxb} 4 \mathrm{Sd} 3 \dagger 9 \mathrm{Kc} 2=$. iii) 2 Sd 3 ? Re2, or 2 Sd 1 ? Ra6 $\dagger$ or 2 Rd4†? K any all lose quickly. The text move intends either Sa 3 to capture the $\mathrm{bPb5}$ or just to advance wK and exchange off pieces to arrive at an obvious draw. Therefore B1 must, if at all possible, conjure up more mating threats. iv)3Rxc4? S5a4 and the simple mating threats.Re2-a2 or Rb6-b1, for instance,
cannot be adequately met when the wR checks run out. But how does 3Rd4 $\dagger$ alter things? The answer is in the two glorious echo-variations deriving from the two bK moves, to e 7 or e 8 - of course 3 . Kc7 or c8 4Rxc4 draws at once as the bSc5 is pinned. v)3 Ke 74 Rxc 4 S 5 a 4 5 Se 5 is the echo to the main line given; if W were to move after 5 Se 5 then Re6, Rxe5; Re6 $\dagger$ would draw; for 5 Rxe5 see (vi); 5 Kf8 6Rf4 $\dagger$ continues checking on the 4th rank (Rg6 $\dagger$ meeting . Kf6 or h6) until

Ke7 or e8, when Rc4 repeats the position; $5 \mathrm{Kd} 86 \mathrm{Sc} 7 \dagger \mathrm{Kd7}$ (6..K else 7 Se 5 repeats) $7 \mathrm{Se} 5 \dagger$ draws; 5 Rb6 6 Rb 4 , or 5 Rd6 6Rd4, or 5 Rf6 $6 \mathrm{Rf4}$, or 5 Rh 66 Rh 4 (or, here, $6 \mathrm{Sg} 6{ }^{\dagger}$ also) all lead to S-forks after 6. RxR; 5 Ra6 6Rh4 Ra8 ( $6 \mathrm{Kf} 87 \mathrm{Rf} 4 \dagger$ etc., or 6 Kd8 $7 \mathrm{Rh} 8 \dagger$ always ready to return to h 4 , or 6 aS any $\div 7 \mathrm{~Kb} 2$ draws; if 6 Rf6 7Rf4 only, not Rh1? Rf2 8Sc6 $\dagger$ Kd7 9Sb4 Sc5 10Sc2 Rxc2 and B1 escapes the checks by running carefully down the a and b files) 7 Rh 8 with yet another latent S -fork. vi) Now 6Rb4? is pointless, 6. Rxb4 and mates; 5. Rxe5 6 Rc8†Kd7 7 Rc7†Kd6 8 Rd6† Kd5 9 Re6 =. vii) Notes should by now be largely superfluous; the $w R$ is in this line to offer itself on the yonder side of the bR , just as in the $5 \mathrm{Ke7}$ line on the hither side. viii) Just to point out a dual after 8 Rh6 by 9Rh8 or 9Rd7 $\dagger$ Ke8 or e6 10 Rd $8 \dagger$ or d $6 \dagger$. ix) Threatening 12Rg6. So, why not 11Rc8 threatening 12Rc6? Because of a surprise S-fork by Black after 11..Sc5 12Rxc5 Ra6 $\ddagger 13 \mathrm{~Kb} 2$ Sa4 ${ }^{\prime}$ winning. Of course, if here $12 \mathrm{~Kb} 2 \mathrm{~S} 3 \mathrm{a} 5 \dagger$ and 13 RxS with an unusual but straightforward win on material. x) $12 \mathrm{Kd} 813 \mathrm{Rg} 3 \mathrm{S5e4}\left(13 \mathrm{Ra} \mathrm{F}^{\prime}\right.$ $14 \mathrm{~Kb} 2 \mathrm{Ra} 2 \dagger 15 \mathrm{Kxc} 3 \mathrm{Ra} 3 \dagger 16 \mathrm{Kc} 4=$ ) $14 \mathrm{Rd} 3 \dagger \mathrm{Kc} 7 \mathrm{Sc} 4 \mathrm{Ra} \boldsymbol{~}^{\dagger} 16 \mathrm{~Kb} 2$ $\mathrm{Ra} 2 \dagger 17 \mathrm{~Kb} 3 \mathrm{Sc} 5 \dagger 18 \mathrm{Kxc} 3=$. xi) $13 \mathrm{Ra} 6 \dagger 14 \mathrm{~Kb} 2 \mathrm{Rb} 6 \dagger$ $15 \mathrm{Kxc} 3=$ ( wS fork follows bS fork); 13..S5e4 14Rf5 $\dagger \mathrm{Ke} 715 \mathrm{~Kb} 2 \mathrm{Rb} 6 \dagger$ 16Kc2 Ke6 17Rh5 Sf6 18Sc4 Re6 19Re5t and draws ( 20 Kxc 3 ). This is not the only line, of course.
No. 75: V. A. Korolkov. 1e7/i Re4/ii 2h4/iii Rh2/iv 3h7/v Rxh4 4Sa6 Kxb7, 5Sc5 $\ddagger$ Kc7 6Sxe4 Kd7 7Sd6/vi Ke7 8Sf5† Kf7 9Sxh4 Kg7 10Sf3/ vii Kxh7 11S1c3 or d2/vii Kg6 12Sd1 or e4 Kf5 13Sf2 and bK is now shut out of the hl corner and wK can approach; mate will be achieved in some 40 moves, at a guess, probably with bKh8.
i) Because of Bl's material advantage (the double exchange always wins) and patent threats Rxh2, Rxb4 and Rc7 the first move is fairly obvious. 1h4? Rxb4 at least draws, for B1. ii)1. Re2 2 h 7 will win; 1. Rxb4 2e8Q Rxb7 3Qg8 and very soon h7 will win (3 Rxh2 4Qg1 $\dagger$ or 3 fRb 24 Sc 3 f 3 h 7 f 26 Qg 2 ). iii) 2Sa6? is a good try, 2. Ra4 $\dagger$ 3Sa3 Ra3 $\ddagger 4 \mathrm{Kb1} \mathrm{Rb} 3 \dagger$ 5 Kcl fRb2 6 Sb 4 (a clever attempt to evade the imminent perpetual check) 6 Rxb4 7e8Q Rb1 $\dagger$ $8 \mathrm{Kd} 2 \mathrm{R} 1 \mathrm{~b} 2 \dagger 9 \mathrm{Ke} 1 \mathrm{Rb} 1 \dagger 10 \mathrm{Kf} 2 \mathrm{R} 1 \mathrm{~b} 2 \dagger 11 \mathrm{Kf} 3 \mathrm{R} 2 \mathrm{~b} 3 \dagger 12 \mathrm{Kg} 4 \mathrm{f} 3 \dagger 13 \mathrm{Kg} 3$ $\mathrm{f} 2 \dagger 14 \mathrm{Kg} 2 \mathrm{f} 1 \mathrm{Q} \dagger 15 \mathrm{Kxf} 1 \mathrm{Rb} 1 \dagger$ with perpetual after all. iv)2 Rxc7 3Sc6 $\dagger$ Kxb7 4Sxe7 Rh2 5Sg6 f3 6h7 f2 7Sd2 Rh1 $\dagger$ 8Ka2 Rd1 9Sf1 Rxf1 10 h 8 Q wins (note that 8 Kb 2 ? allows $10 \mathrm{Rb} 1 \dagger$ ). v) 3 Sa ? Ra4 $\dagger 4 \mathrm{Sa} 3$ Pxa3 $\dagger$ draws because if wK tries to reach the k-side B1 wins by . Re3 $\dagger$ and . Kxb7. vi)The wS takes an encore. vii)As the judge, Harold Lommer, points out, $10 \mathrm{~h} 8 \mathrm{Q} \dagger$ is an alternative here but this cannot be considered a dual because it leads into the identical solution - 10 Kxh8 11Sf3 Kh7 or g7 - but merely one move later. viii) The solver or reader will long ago have recognised the notorious ending 2 S v P . At this point in the solution the study passes over from the artistic into the didactic, because we are now in the realm of known endgame theory. For the best exposition of the theory see André Chéron, Lehrund Handbuch der Endspiele, Vol II (2nd Edition, 1964), pp 220-250. Averbakh's Lehrbuch der Endspiele, Vol II, gives examples of this ending from over-the-board play. The point in the current position is
that with ( $c P$ or) fP on the 5 th rank the $b K$ must not be allowed to reach h1 (al for black cP). See Chéron op. cit. p 224 col 2. Let us see why 11Sa3? draws, 11..Kg6 12Sc2 Kf5 13S2el Kg4 14Kb2 Kg3 15 Kc 3 Kf 216 Kd 4 Kf 117 Ke 4 Kf 218 Kf 5 Kg 319 Kg 5 Kh 3 and to make progress $W$ can only try manoeuvring with wSel, but this allows bK to reach the theoretical drawing corner h1, after which wK on f 2 or h3 gives stalemate.
No. 76: G. M. Kasparyan. 1Be3†/i Kb1 2c6/ii Be5/iii 3Kb4/iv Kb2/v $4 \mathrm{c} 7 / \mathrm{vi} \mathrm{Bxc} 7 / \mathrm{vii} 5 \mathrm{Bd} 4 \dagger \mathrm{Kc} 1 / \mathrm{viii} 6 \mathrm{Bxa1} \mathrm{Kb1} 7 \mathrm{Sb5} \mathrm{Bd} 8 / \mathrm{ix} 8 \mathrm{Kc} 3 \mathrm{Bf} 6 \dagger / \mathrm{x}$ 9 Kd 2 Bxal 10Bc2 $\dagger \mathrm{Kb} 2$ 11Ba4(or Bd1) Kb1 12Sa3 $\dagger \mathrm{Kb} 213 \mathrm{Sc} 4 \dagger \mathrm{~Kb} 1$ 14 Bc 2 mate.
i) The threat of . Kd2 and . .Rcl had to be met first. ii) The solution as given in ACQ is full but suffers from a lack of stated threats. Only awareness of threats makes the solution of any study really clear, and in the case of Kasparyan threats can be of fiendish subtlety and depth. To avoid cooks and serious duals' there must be hair's-breadth variations. The point here is complex. B1 will try to extricate his pieces by moving bB , then bK , then bR , in order to promote his aP. This will take 4 moves. In addition there is a stalemate with wKc3 if bB is removed. To win, therefore, W must allow considerable counterplay. The $W$ plan is in fact to construct a mating net by using many threats to reduce the material to a theoretical win. It is the presence of these many "book" wins that makes this difficult study so instructive for the less expert enthusiast. 2Kb4? would present B1 with a tempo, as in several variations it is vital for cP to promote: 2 Kb 4 ? Bc3? 3Kc4 Kb2 4 c 6 Re . If W -tries to improve on this by $3 \mathrm{Ka3} \mathrm{Bb} \downarrow \dagger 4 \mathrm{Ka4} \mathrm{Be5} \mathrm{(4.}$.Bf 6 ? 5 c 6 Be 5 KKb 4 as in main line) 5 Sc 6 Bf 66 Sa 5 ( 6 Sb 4 Kb 2 - threat
Re1 - 7Sxa2 Rxa2 $\dagger$ 8Bxa2 Kxa2 and a "book" draw is reached that every study-solver should know) 6 Kb2 7Sc4 $\dagger$ Kc3 8c6 Bd8 9Bf4 Kd3 10Bd6 Rc1 11Se5 $\dagger \mathrm{Kc} 3$ 12Bxa2 Ra1 13Ka3 (this threatens another "book" win, B+B+S $\nabla$ R, by 14c7) 13 . Bg5 14Bb4† Kc2 15c7 Bc1†16Ka4 $\mathrm{Rxa} 2 \dagger 17 \mathrm{~Kb} 5 \mathrm{Ra} 8=$. This variation is a severe strain on the analytic ability, being packed with tactical nuances. If the study is unsound it is likely to be unsound by some W improvement here. iii) 2 . . $\mathrm{Bc} 3 \dagger$ is a loss of time, as the cP must be stopped - 3Ka4 and 3. Be5 4c7, or $3 . \mathrm{Kb} 24 \mathrm{c} 7$ are both fairly straightforward, W winning in the first case by 4 Bxc7 5Bd4 followed by $\mathrm{Sa7} 7-\mathrm{b} 5-\mathrm{a} 3$, and in the second by 4. Rf1 5Bxa2 Rf8 6Be6 or 4. .Re1 5Bxa2 Rxe3 6c8Q Kxa2; in all lines W wins eventually by the "book". iv)3Bd4? Bxd4 4c7 Kb2 5c8Q Rc1 =. v)3. Bc3 $\dagger 4 \mathrm{Kc} 4 \mathrm{~Kb} 25 \mathrm{c} 7 \mathrm{Rf1} 6 \mathrm{Bxa} 2$ wins, or $3 \mathrm{Bd} 6 \dagger 4 \mathrm{Kc} 4 \mathrm{~Kb} 25 \mathrm{Bd} 4 \dagger$ Kb1 6Bxal Kxa1 7Sb5 with 3 threats - Sxd6, Bxa2 and Sc3, therefore winning easily. vi)Other moves would be met by a bR move, but the point of this decoy is deeply hidden. vii)4. Bd $6 \dagger 5 \mathrm{Kc} 4 \mathrm{Rc} 1 \dagger$ $6 \mathrm{Bxc} 1 \dagger$ Kxc1 7c8Q alQ 8Kd3 $\dagger \mathrm{Kb} 29 \mathrm{Qc} 2 \dagger \mathrm{Ka} 3$ 10Sb5 $\dagger$ and 11Sxd6 wins. If here 5. Rd1 6c8Q a1Q 7Qh8 $\dagger$ and Qxal wins. viii) A surprise, but 5 . . Kb1 $6 \mathrm{Sb5}$ wins as in (iii). ix) Again a clever reply, avoiding 7 . . Kxal 8 Ka 3 $\mathrm{Kb} 19 \mathrm{Bxa} 2 \dagger \mathrm{Ka} 10 \mathrm{Sd} 4 \mathrm{Bd} 6 \dagger 11 \mathrm{~Kb} 3$ and 12 Sc 2 mate. If here 8 . Be 5 9 Bc 2 and W mates by playing wK to c 2 , after first moving wB to h7, for instance, when bB cannot stop an eventual S-mate, especially as wB has unlimited tempo moves. x)Naturally 8. Kxal is answered by 9 Kc 2 .
No. 77: A. J. Roycroft. 1Bf6 $\dagger$ /i Kh3/ii 2Rh6/iii Bg6 $\dagger$ 3Rxf6 f2/iv 4Rh6/v Kg4 5Rg6 $\dagger$ Kf5/vi 6Kf7/vii Sf4/viii 7Rg5 $\dagger$ Ke4 8Re5 $\dagger \mathrm{Kf} 3 / \mathrm{ix} 9 \mathrm{Bg} 5 / \mathrm{x}$ Kg 4 / xi 10Bh6/xii Sh3/xiii 11Re4 $\dagger \mathrm{Kg} 3$ 12Re3 $\dagger \mathrm{Kg} 5$ 13Re4 $\dagger \mathrm{Kh} 5$ 14Re5 $\dagger$ Kg4 drawn.
${ }_{i}$ ) 1 Rg 1? Sxg7† 2 Ke 7 ( 2 Rxg 7 f 2 ) 2 . . Se6 3 Kd 6 f 24 Rc 1 Kg 35 c 5 Kg 26 c 6 f1Q 7Rxf1 Kxf1 8c7 Sg5 9Ke7 Se4 wins. ii) 1. Sxf6† 2Rxf6 Kg5 3Ra6
or $\mathrm{d} 6=$ iii） 2 Rg5 5 S Sxf $\dagger \dagger 3 \mathrm{~K}$ any Bek wins．The text move looks very strong，threatening Rxh5 and Bd4．iv）For how long is this pawn to be stopped from queening？If $W$ wins the $b S$ then $W$ is in a strong position for even winning，but if B1 queens fP while retaining bS then B1 will win．This sets the stage for the ensuing play．v）4c5？is a tempting try 4．f1Q 5Be7 Qf5 wins，6Rg5 Qc8广 7Kf7 Sf4 8Re5 Qd7 threatening Sd5－e7．vi）5 Kh3 6Rh6 repeats； 5 Kf3 6Rh6（6Rg5？ Sxf6† 7Kf7 Ke4）6．Sg3（6．f1Q 7Rxh5 or 6 Kg4 7Rg6市）7Bd4 f1Q 8Rf6 $\dagger=$ ；5．Kf4 6Bg5 $\dagger$（6Rh6？Sg3 7Bh4 flQ 8Bxg3 $\dagger \mathrm{Kxg} 3$ 9Rg6 $\dagger$ Kh4 10 c 5 Qd 3 wins，see next main line note） 6 Ke5 7Rh6 f1Q（7 Sg3 8Bh4） 8Rxh5 and now 8 Qxc4 9Be7† Ke6 10 Rh6 $\dagger$ ，or 8 Qe2 9Rh6，or 8．Ke6 9Rh6 $\dagger$＂丷．Vii） 6 Rh 6 ？f1Q（ 6 Sg 3 ？）7Bd4）7Rxh5 $\dagger$ Kxf6 8Rh6 $\dagger$ Ke5 B1 wins，see André Chéron，Lehr－und Handbuch der Endspiele Vol III （ 1958 positions 1443，1444，1445，also p． 35 col one．6Rg5†？Kxf6 7Rg8 Ke 5 or Ke 6 or $\mathrm{Sg} 7 \dagger$－e6 and B1 wins．
This study was composed over several years，it proving very trouble－ some both to analyse and to find an attractive setting．In examining his notes afresh，for E G No 3，the composer intended to make clear why a wP had been added on c4．His original notes do not shed light on this，and his memory is not much better．The best he can half－recall is the line $5 . . \mathrm{Kf} 4$ 6Bg5 $\dagger \mathrm{Ke} 4$ 7Rh6（7Re6†？Kf5）7．f1Q（7． Sg 3 ） $8 \mathrm{Rh} 4 \dagger$ simpler than Bh4 8 K any 9Rf4）8Rxh5 and now W seems to me to have very little trouble in drawing，with or without a wPc4； if $8 \mathrm{Qb} 5 \dagger$（which wP c4 would prevent） $9 \mathrm{Kf7} \mathrm{Qf5} \div 10 \mathrm{Kg} 7$ followed， after 10 Kd5 or Kf3，by 11 Kh 6 and the Rh5－h4－f4 manoeuvre threat holds the position．Of course the diagram position would be superior without wPc4，and many variations would be simpler without spoiling the idea．The composer is therefore dismayed and would be most pleased if any Good Samaritan solver would tell him why he added that wPc4！Other attempts by B1 after 8Rxh5）（no wPc4）are 8 Kf5 9Be7 $\div \mathrm{Ke} 610 \mathrm{Rh} 6 \dagger=$ ，or 8 Qe 2 9Rh4 ${ }^{\prime}$（ 9 R else？Qb5 $\dagger$ and 10 Qxg5 wins） $9 \mathrm{Kf5} 10 \mathrm{Be} 7 \mathrm{Qb5}+$ and any wK move looks adequate，although B1 may have better chances here than in other variations． viii）The threat was $7 \mathrm{Rg} 5 \dagger$ and 8 Rxh 5 ． 6 Kf 47 Rg 5 or $\mathrm{Rh} 6=$ ， for example 7Rg5 Sg3 8Kg6 Kf3 9Be5； 6 Ke4 7Rg4† Kf3（7．Kd3 8Rh4 or 7 Ke 3 8Bd4†） 8 Rh 4 （ 8 Rg 5 ？Sf4 wins，but not 8 Sg 3 ？9Be5 $\Rightarrow$ ） 8 ．f1Q（8． $\operatorname{Sg} 39 \mathrm{Be} 5$ ） $9 \mathrm{Rxh} 5=$ ．Note that after 6 Ke 4 TRh 6 ？ （7Rg5？Sxf6）7．Sg3 8Rh3（8Rg6 Sf5 9Rg4 $\overline{\text { 「 Kf3 10Rg5 Se3 wins）}}$ 8 Kf4 9Bh4（9Rh4 $\dagger$ Kf5 10Rh3 f1Q 11Rxg3 Qxc4 $\ddagger$ wins） 9 f1Q 10Rxg3 Qhl 11Rd3 Ke4 winning wR or wB．ix） 8 Kd3 9Bg5 f1Q and draws because bK＂happens＂to prevent the winning Qxc4i．Compare note （x）．x）The temptingly symmetrical move 9Rf5 loses， 9 Kg4 10Rg7 Kh3 11Rf5 f1Q 12Be5 or g5 Qxc4† wins．xi）9 f1Q 10Rf5 Qxc4† 11 Kg 7 Qc7 $\dagger(11 \mathrm{Qc} 3 \dagger 12 \mathrm{Rf} 6=$ ） 12 Kh 6 Qd6 $\dagger 13 \mathrm{Rf} 6=$ ．xii） 10 Bxf 4 ？f1Q 11Re4 Kf5 or Qd3 wins．xiii） 10 f1Q 11Re4 Qd3 12Rxf4 $\dagger$ Kh5 13Rf6 $=$ ． No．78：R．Brieger．1Rd1／i Be1／ii 2Rc1／iii Ba5／iv 3Sg3／iv Bb6／v 4Rc2 ${ }^{\text {F }}$ Kgl／vi 5Se2†／vii Kf1／viii 6Sf4 Bf2／ix 7Rc1† Be1 8Sh5 Kg2／x 9Rc2† ／xi Kg1／xii 10Sg3ixiii Ba5†xiv 11Kh3 h1Qt 12Sxh1 13Rc1 $\dagger$ and mate next move／xv．
i）Though difficult，this study can be solved from move to move without having to delve for Kasparyan－style subtleties．To say this，is no disrespect to the composer，who has created a rich variety of play in an utterly natural setting．To begin with，$W$ must meet Bl＇s drawing threats of 1 ．Be5，after which $W$ can make no progress，or 1．Bd4－g1， when Sg 3 is answered by h1Q with the standard，must－be－known－by－ everybody， $\mathrm{K}+\mathrm{B} \mathbf{v} \mathrm{K}+\mathrm{R}$ draw．1Rc1？Be5 $2 \mathrm{Rc} 2 \dagger \mathrm{Kxh} 13 \mathrm{Kf} 3$ introduces an interesting manoeuvre the solver or solution－follower should bear
in mind, but it fails here to 3 Bd4. ii)Possible because 2Rxel is stalemate: 1. Bd4 or Bd2 2 Rxd 4 or d2 $\dagger \mathrm{Kxh} 13 \mathrm{Kf} 3$ and $4 R \mathrm{Rd}$ mate. 1. Be5 also fails to $2 R \mathrm{~d} 2 \dagger \mathrm{Kxh} 13 \mathrm{Kf} 3$ with mate following. iii)A tempo move ( $2 \mathrm{Kf4}$ ?? actually loses to $2 . \mathrm{Bd} 2 \dagger$ ) that prevents bB returning to c3 and also covers c5 in order to win with Rc2 $\dagger$ in reply to 2 . Bb4.
No. ${ }^{79} \quad$ J. H. Marwitz
1st. Pr. J. C. A. Fischer Tny
Schakend Nederland, sept. ${ }^{65}$ 5



No. 80 V. A. Bron
2nd Pr. J. C. A. Fischer Tny Schakend Nederland, sept. "65



iv) Clearly best, intending to reach the saving a7-g1 diagonal via b6. 2. $\mathrm{Bd} 2 \mathrm{3Rc} 2 \mathrm{Kxh} 14 \mathrm{Rxd} 2 \mathrm{Kg} 1 \mathrm{KKg} 3 \mathrm{~h} 1 \mathrm{~S} \ddagger 6 \mathrm{Kf} 3$ with another immediately winning position familiar to experienced solvers. 2. Bh4 3Rc2 $\dagger$ wins similarly. iv)One would only play this move because there seems no other way to attempt to make progress. It does threaten 4Rc $2 \dagger$ but allows B1's planned retort. v)If B1 could play onto the b8-h2 diagonal this would not actually draw, so it is superfluous that 3 Bc 7 is ruled out by 4 Rxc 7 . Put wR on al and play 3: Bc7 $4 \mathrm{Ra} 2 \dagger \mathrm{Kgl} 5 \mathrm{Kh} 3$ wins. Instead of 3 . Bb 6 a bK move loses at once to 4 Kh 3 . vi) 4 . . Bf2 5 Rb 2 and 6 Kf 3 -wins. vii) Again the only way to do anything different, as 5 Kh 3 ? h1Qi draws, viii) $5 . \mathrm{Kh} 16 \mathrm{Kf} 3 \mathrm{Bf} 2 \mathrm{Rc} 1 \dagger$ ( $7 \mathrm{Sg} 3 \dagger$ is equally good) 7. Bg 18 Sg 3 mate. ix)6. $\mathrm{h} 1 \mathrm{Q} 7 \mathrm{Rc} 1 \dagger$ wins; $6 \mathrm{Kg} 17 \mathrm{Rg} 2 \dagger$ and 8 Kh 3 is simplest, but 7Sh3 $\dagger$ also wins; $6 \mathrm{Bg} 17 \mathrm{Kg} 3 \mathrm{~h} 1 \mathrm{~S} \dagger$ (7. Ke1 8Kg2) 8 Kf 3 Bf 2 and 9 Sg 2 or $9 \mathrm{Rc} 1 \dagger$ win, among other moves. x) $8 \mathrm{~h} 1 \mathrm{Q} 9 \mathrm{Sg} 3 \dagger$ wins as bBel is pinned; 8. h1S 9 Sf 4 or 9 Kf 3 win; 8 . Ke2 or $\mathrm{f} 29 \mathrm{Sg} 3(\dagger)$ wins. xi) 9 Rxel? h1Q 10Sf4 $\dagger \mathrm{Kh} 2$ 11Re2 $\dagger \mathrm{Kg} 1$ 12Kg3 Kfl 13Rc2 Qe4 $14 \mathrm{Rc} 1 \dagger$ Qel $\dagger=$. xii) $9 . \mathrm{Bf} 2$ 10Sg3 Kg1 11 Kf 3 does not introduce anything not already in a previous note. xiii)The wS is back on the square vacated 5 moves ago, and wR has already checked twice on c2 surely $W$ is moving round in circles? xiv) 10 . h1Q 11Sxh1 Kxh1 12Rc1 wins; 10. Bf2 11 Kf 3 or h3. xv)Brieger's study has in common with the Kasparyan position sharing first prize the high-class attribute of an absence of captures in the introductory and main line play (the mechanical final captures in the Brieger may be considered outside the solution).
No. 79: J. H. Marwitz. 1Sd5 Re2 $\dagger$ 2Kd1 Sxf4 3Bd6 Rxe5 4Bxe5 Sxd5 5Bd4 Kd7 6Rg5 Sc3 $\dagger 7 \mathrm{Kc} 2 \mathrm{Se} 48 \mathrm{Rg} 7 \dagger$ and 9 Bxal wins.
No. 80: V. A. Bron. 1Bb5 $\dagger$ Rxb5 2Rh5 Sd4 $\dagger$ 3Bxd4 Kd8 4Rh8 $\dagger$ Kc7 5Rxh3 Rb1 6Be3 Re1 7Kf5 Bg3 8Bf2 Rf1 9Kg4 Be5 10Kf5 Bg3 11Kg4 Be5 12Kf5=.
No. 81: W. J. C. Mees. 1 Kb 6 Kb 82 Bh 3 h 63 Bg 4 h 54 Bd 7 h 45 Bh 3 Se 8 6Sd7 $\dagger$ Kc8 7Se5 $\dagger$ Kb8 8Sc6 $\dagger$ Ka8 9Sb4 Sf6 10Be6(f5) Kb8 11Sa6 $\dagger$ Ka8 12Sc7 $\dagger \mathrm{Kb} 8$ 13Bh3 and 14Sa6t wins.
No. 82: J. H. Marwitz. $1 \mathrm{Kf} 7 \mathrm{Be} 82 \mathrm{Kf} 8 \mathrm{Sh} 7 \dagger$ 3Rxh7 Bxa3† $4 \mathrm{Kg} 7 \mathrm{Bb} 2 \dagger$ $5 \mathrm{Kh} 6 \mathrm{Be} 1 \dagger 6 \mathrm{Sf} 4 \mathrm{Bxf} 4 \dagger 7 \mathrm{Kg} 7 \mathrm{Be} 5 \dagger$ 8Kf8 Bd6 $\dagger 9 \mathrm{Kg} 8 \mathrm{Se} 7 \dagger 10 \mathrm{Kxe} 7$ 11Bh4 mate.
No. 83: G. Aronowich. $1 \mathrm{c} 5 \dagger \mathrm{Ke} 6 \mathrm{Kg} 5 \mathrm{f} 6 \dagger \mathrm{Kg} 6 \mathrm{Qb} 1+4 \mathrm{Bc} 2 \mathrm{Qb} 7 / \mathrm{i}$ 5Bb3 $\dagger$ d5 6Ba4 c6 7Bxc6 Qxc6 8f5 $\dagger \mathrm{Kd7} 8 \mathrm{Sb} 8 \dagger$ wins. i) 4. . Qxc $2 \dagger$ 5f5 $\dagger \mathrm{Kd5}$ 6Sb4 $\dagger$ wins bQ.
No. 84: J. J. v. d. Ende. 1 h 7 Kg 72 d 7 Qxd 7 3Bh6 $\dagger \mathrm{Kh} 84 \mathrm{Sg} 5$ Qd2 +5 Kb 3 Qd3† 6Kb4 Qc2 7Kb5 Qc3 8Kb6 Qc4 9Kb7 Qc3/i 10 Kb 6 Qc 811 Kb 5 Qc 7 12 Kb 4 Qc6 $13 \mathrm{~Kb} 3=$. i) 9 Qcs? loses to $10 \mathrm{Bg} 7 \dagger$ and $11 \mathrm{Se} 6 \dagger$.
No. 85: W. Proskurowski. 1Bc4/i Kf5 $2 \mathrm{Ka} 7 \mathrm{Ke} 53 \mathrm{~Kb} 8 \mathrm{f5} 4 \mathrm{Be} 6$ wins. i) 1c7? Be6 2Bc4 Bc8 $3 \mathrm{Ka} 7 \mathrm{f5} 4 \mathrm{~Kb} 8 \mathrm{Bd} 75 \mathrm{Ba} 6 \mathrm{f} 46 \mathrm{Bc} 8 \mathrm{Bxc} 87 \mathrm{Kxc} 8 \mathrm{f} 3$ 8 K any $\mathrm{f} 2 \mathrm{9c} 8 \mathrm{Q}$ f1Q=:-
No. 86: W. J. G. Mees. 1Bb3 Ke7 2Sc6 $\dagger$ Kf6 3Sxd8 Bf4 $\dagger 4 \mathrm{Kh} 7 \mathrm{Sg} 5 \dagger 5 \mathrm{Kh} 8$ Be5 6Bc2 d3 7Bxd3 Bd4 8Bc2 Be5 9g8S mate.
No. 87: R. Heiskanen. 1c5 Qh8 2b4 Qg8/i 3Ra3 Qh8 4Rc3 Qg8/ii 5Rc4 Qh8 6Rd4 Qg8 7Rd5 Qh8 8Re5 Qg8 9Re6 Qh8 10Rf6 Qg8 11Rf7 Qh8 12Rg7 Qe8 13Rxh7 Qg8 14Rf7 Qh8 15 Rg 7 Qe8 16 h 7 wins. i) 2 Kb 5 ? Qg8. ii) 4 Kb 5 ? Qg8 or $4 \mathrm{Ka4}$ ? Qg8 5 c 6 bc .

No. 88: B. Soukup-Bardon. 1Kf6 Ke3 2Sc4† Kf3 3Sf1 Ke2/i 4Sh2 Kf2 5Se5 g5 6Shg4 $\dagger$ Ke2 7 Sh 6 Ke 3 8Sf5 $\dagger \mathrm{Kf} 4$ 9Sg7 Kg3 10Sd3 Kh4/ii 11Sf2
g4 12Sf5 $\ddagger$ wins. i) 3 Ke4 $4 \mathrm{Se5}$ Kf4 5Sfd2 g5 6Sdf3 g4 7Sd4 g3 8Se2 $\ddagger$ wins, or $3 . \mathrm{Kg} 24 \mathrm{Sfd} 2 \mathrm{~g} 5 \mathrm{Se} 5 \mathrm{Kh} 36 \mathrm{Se} 4 \mathrm{~g} 47 \mathrm{Sf} 2 \dagger$ wins. ii) 10 g 4 11Sh5 $\dagger$ Kh4 12Shf4 g3 13Kf5 wins.


No. 89: A. Akerblom. 1Kal/i Ra8 2Rg6 $\dagger$ Kf4/ii 3Rf6 $\dagger$ Ke4 4Re6 $\dagger$ Kd4 $5 R d 6 \dagger$ Kc5 6Rd3 =. i) 1Ra6? Sd3 $\dagger 2 \mathrm{~K}$ any Sb4, or $1 \mathrm{Rb} 4 \dagger \mathrm{Kf} 32 \mathrm{Ra} 4 \mathrm{Rb} 8 \dagger$ $3 \mathrm{Kc} 2 \mathrm{Ke} 34 \mathrm{Ra} 3 \dagger \mathrm{Ke} 2 \mathrm{5Rxa} 2 \mathrm{Rc} 8 \dagger$.
No. 90: S. Clausen. lg6 fg 2 d 6 e2 3dc elQ $\dagger 4 \mathrm{Kf7}$ Qf1 $\dagger$ 5Kg7 Qa6 6 b 5 Qc8 7b6 wins.
No. 91: F. Hynz. 1Sf5 cd 2Sd4 Ka2 3Kc2 Ka1 4Sc6 Ka2 5Sb4 $\dagger$ Ka1 $6 \mathrm{Kcl} \mathrm{d} 47 \mathrm{Sc} 2 \dagger \mathrm{Ka} 28 \mathrm{Sxd} 4 \mathrm{Ka1} 9 \mathrm{Kc} 2 \mathrm{Ka} 210 \mathrm{Se} 2 \mathrm{Ka} 11 \mathrm{Scl}$ a2 12 Sb 3 mate.
No. 92: S. Clausen. 1Rd1 g4 $2 \mathrm{f} 4 \mathrm{~g} 3 \mathrm{3f} 3 \mathrm{~g} 54 \mathrm{ff} \mathbf{S g} 4$ 5fg† Kxg4 6Rf1 Kh5 7Rh6 $\dagger$ Kg4 8Rf4 $\dagger$ gf $9 \mathrm{Rg} 6 \dagger$ Qxg6 10fg f3 llef $\dagger$ Kxf3 12 g 7 wins.
No. 93: T. B. Gorgiev. (a) 1Sd2 $\dagger$ Kc3 2Sde4 $\dagger$ Kb3 3Se2 Sb4 4Sd2 $\dagger$ Ka3 5 Sd 4 S any 6 Sc 2 mate. (b) $1 \mathrm{Sd} 2 \dagger \mathrm{Kc} 32 \mathrm{Sde} 4 \dagger \mathrm{~Kb} 3$ 3Se2 Sb4 4Sd2 $\dagger$ Ka4 5Sc3 $\dagger \mathrm{Ka} 56 \mathrm{Sc} 4$ mate.
No. 94: E. Pogosjants. 1Ra2 Sd3 $\dagger$ 2Kd2 Re2 $\dagger$ 3Kxe2 Scl $\dagger$ 4Kd2 Sxa2 No. 95: H. Källström. 1a7† Ka8 $2 \mathrm{e} 7 \mathrm{blQ} \dagger$ 3Rxb1 $\mathrm{ebQ} \dagger 4 \mathrm{Kc} 7 \mathrm{Qb} 7 \dagger$ 5Sd5 wins.
$5 \mathrm{Kd} 8 \mathrm{Qb} 6 \dagger \mathbf{6 K c 8} \mathbf{Q c} 6 \dagger 7 \mathrm{Kd} 8 \mathrm{Qd} 6 \dagger 8 \mathrm{Kc} 8 \mathrm{Qc} 6 \dagger 9 \mathrm{Kd} 8$ with a positional draw.
No. 96: H. M. Lommer. 1cb clQ/i 2b8S $\dagger$ Bxb8 stalemate. i)1. Qh8 2bcB $\dagger$ $\mathrm{Sb7}$ stalemate. If here $2 \mathrm{bcQ} \dagger$ ? Sb7 3 Qxh 8 clQ wins. $1 . a 42 \mathrm{bcQ} \dagger \mathrm{Ka} 5$ $3 \mathrm{Qa} 6 \dagger=$. Triple promotion to draw (single pawn, and in a so-called "minimal", W having K and one other man).
No. 97: T.' B. Gorgiev. 1Sel/i Kxel 2Kg1 c4/ii 3Sd3t/iii Kd2/iv 4Sel Kxel/v 5Rd3/vi cd 6Be7 g5 7Bd6 b5 8Bc7 b4 9Bd6 g4 10Be7 g3 11Bd6 b3 12Bc7 Kd2/vii 13Ba5 mate. i)1Bh4? elQt. ii)2. Kd2 3Rd3 $\dagger$ Kel 4Bh4 mate. iii)3Bf6? g5 4Sd3 $\dagger$ cd 5Rxd3 Qd2. 3Sd5? Kd2 4Bxe3 $\dagger$ Ke1. iv)3 cd 4Rxd3 and 5Bh4 mate. v)4..c3 5Rä8. vi) 5Be7? Kd2 6Bb4 $\dagger$ c3. vii) 12 Qd2 13 Bxg 3 mate.
No. 98: W. Proskurowski. 1e7 blQ 2e8Q Qh7 3Kc8/i Qg7 4Qd8 Qf7/ii 5Qh8 Qe7 6Qg8/iii wins. i)3Qf8? ba=. ii)4. .Qh7 5Qf8 ba 6Qf3†. iii) 6 Qc5 $+7 \mathrm{Kd} 7 \dagger$ or 6 Qd6 7ab mate. Note also the nice variation 3. Qe4 $4 \mathrm{Kc} 7 \dagger$ wins, but not 4Qxe4? Stalemate.
No. 99: B. V. Badaj. 1a7 Be4† $2 \mathrm{Kxe} 4 \mathrm{Rh} 4 \dagger$ 3Kf5 Rf4 $\dagger$ 4Kg5 Ra4 5Ba6 Rxa6 6Rh1 Kd7 7Rh8 a2 8a8Q alQ 9Qd5 $\dagger$ and mates in 3.
No. 100: A. Koranyi. 1Rc8 Rc2 2c7 (threat Rg8 $\dagger$ and c8Q) 2. Kh4 $3 \mathrm{Kh} 1 \mathrm{Rc} 64 \mathrm{Kh} 2 \mathrm{Rc} 2 \mathrm{Rg} 8 \mathrm{~h} 6 \mathrm{cc} 8 \mathrm{R} / \mathrm{i} \mathrm{Rxg} 2 \dagger$ ii $7 \mathrm{Kh} 1 \mathrm{Rh} 2 \dagger 8 \mathrm{Kgl}$ wins. i) 6c8Q? Rxg2† 7Kh1 Rg1†. ii)6 . Rxc8 7g3 mate or 7Rxc8.

No. 101: T. B. Gorgiev. $1 \mathrm{l} 5 \mathrm{Kxa5} 2 \mathrm{Sd} 6 \mathrm{Rb} 8$ 3Kb3 Rh8 4b8Q Rxb8 5Ka3 wins. If 1 . Rb8 2 Sa 个 Kxa5 $3 \mathrm{Sxb} 8 \mathrm{Kxb5} 4 \mathrm{~Kb} 3$ wins.
No. 102: V. Pachman. 1Rh5 Rb7 2Bg7† Kc6 3Rxh7 c3 4Kd1 Rd7† 5Rc1/1 Kc7 6Sa7 Kb6 7 Kc 2 wins. i) 5 Kc 2 ? Kc 76 Sa 7 Kb 6.
No. 103: C. Sansom. 1Sd2 $\dagger$ Kd4 2Sb3 $\dagger$ Ke4 3Sc5 $\dagger$ Kd4 4Se6 $\dagger$ Ke4 5Bg7 Qh3/i 6Sc5 $\dagger$ Kd4 7Bf1 Qxh2,f1/ii 8Sb3 $\dagger$ Ke4 9Sd2 $\dagger$ wins. i)5.. Qh7 $6 \mathrm{Bd} 3 \dagger$ or 5 . Qxh2 6Sc5 $\dagger \mathrm{Kd4} 7 \mathrm{Sb} 3 \dagger \mathrm{Ke} 48 \mathrm{Sd} 2 \dagger \mathrm{Kd} 4$ 9Sf3 $\dagger$ wins. ii) 7 Qf3 $8 \mathrm{Se} 6 \dagger \mathrm{Ke} 49 \mathrm{Bd} 3 \dagger$ or $7 . \mathrm{Qc} 88 \mathrm{Sb} 3 \dagger \mathrm{Ke} 4 \mathrm{MBg} 2$ mate, or 7 . Qh 7 $8 \mathrm{Sb} 3, \mathrm{e} 6 \dagger \mathrm{Ke} 4$ 9Bd3 $\dagger$ wins.
No. 104: C. Sansom. 1R2e4 a5/i 2R6e5 $\dagger$ Ka6 3Rc4/ii Qal/iii 4 Rc6 $\dagger$ Ka7 5Re7/iv Qh8 6Kd6 $\dagger$ Ka8 7Ra6 $\dagger \mathrm{Kb} 8$ 8Rb6 $\dagger \mathrm{Ka} 8 / \mathrm{v} 9 \mathrm{Kc} 7 \mathrm{Qc} 3 \dagger / v i$ 10Rc6 Qd3 11Rc5 Qa3, d2 12Ree5 wins. i) 1. Qc1,c2 $\dagger 2 \mathrm{Kb7}$ wins. ii)3Rc5? Qb3. iii)3. Qd2 4Rc6 $\dagger \mathrm{Ka} 7 \mathrm{Qd} 3$ 6Rd7 Qe2 7Kd8 $\dagger$ wins. iv)5Rce5? Ka6 6Kc8 Kb6 7Rb5 $\dagger$ Ka6 8Rbd5 Qc3 $\dagger$ 9Rc5 Qxh3 $\dagger$. v)8..Kc8 9Rc7 $\dagger$ vi)9. Ka7 10Kc6 $\dagger$ $\mathrm{Ka} 811 \mathrm{Ra} 6 \dagger \mathrm{~Kb} 812 \mathrm{Rb} 7 \dagger$ wins.
No. 105: C. Sansom. 1Ra8†/i Rg8/ii 2Kf7 Kh7 3Rxg8 Qal 4Rg2 Qh1 $5 \mathrm{Rg} 7 \dagger$ wins. i) $1 \mathrm{Rc} 8 \dagger$ ? $\mathrm{Rg} 82 \mathrm{Kf} 7 \mathrm{Qh} 1=$. ii) $1 . \mathrm{Kh} 72 \mathrm{Rc} 7 \dagger$ wins.

No. 106: C. Jonsson. 1Sa5 b2 2c7 b1Q 3c8Q $\dagger$ Qb8 4Qa6 $\dagger$ Qa7 5Qc6 $\dagger$ Kb8 6Qe8 $\dagger \mathrm{Kc} 77 \mathrm{Qe} 7 \dagger \mathrm{~Kb} 68 \mathrm{Sc} 4 \dagger \mathrm{Ka} 9 \mathrm{QQa} 3 \dagger \mathrm{~Kb} 710 \mathrm{Sd} 6 \dagger \mathrm{Ka} 811 \mathrm{Qf} 3 \dagger$ Kb8 12Qf8 $\dagger \mathrm{Kc} 713 \mathrm{Sb} 5 \dagger$ wins.

| 5th Pr. Tidskrift för ${ }_{\text {F }}^{\text {Schack }}$ Tny 1964 |  |
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No. 95
3rd H.M.
H.
H. Källström
Nya Tidnings 3rd H.M. Upsala Nya Tidnings Springaren, No. 1, 1965


No. 92 S. Clausen
Tny 1962-3
Springaren, No. 1, 1965


No. 96 H. M. Lommer Journal de Genève, Febr. 1965 12



No. 101 T. B. Gorgiev
1st Pr. Thèmes 64, 1963


Vo. 98 W Proskurowski
1st/2nd Pr. $=$ Szachy Theme Tny 1984


No. A. Koranyi
2nd Pr. Magyar Sakicelet 1963
A. Koranyi


No. 102 V. Pachman 2nd Pr. Themes 64, 1963


No. 107: T. B. Gorgiev. 1Sd1 Sb5 $\dagger$ 2Kb6 Bxal 3Sa6 $\dagger$ Ka4 4Sc5† Kb4 $5 \mathrm{a} 3 \dagger \mathrm{Sxa} 36 \mathrm{c} 3 \dagger \mathrm{Bxc} 3 \mathrm{7Se} 3$ followed by 8 Sc 2 or d 5 mate.
No. 108: A. Belyenky. 1Bg6 $\dagger$ Ke3 2Sh4/i Qd7 $\dagger / \mathrm{ii}$ 3Sf5 $\dagger$ Ke4 4Sb5/iii Qxb5/iv 5Sd6†t Ke3 6Bc2 avoids stalemate and wins because of the threat 7Sf5. i)2Sd4? Qe6t 3Sf5 $\dagger$ Ke4 4Kg5 Qe5 5Sc6 Qf4 $\dagger 6 \mathrm{Kh} 5$ Qf3 $\dagger$ 7Kh6 Qh1 $\dagger$ 8Sh4 $\dagger$ Ke3 and B1 wins back a piece $=$. ii)2. Qe6 $\dagger$ 3Bf5 or 2. Qxa7 3Sg2 $\dagger$ and 4Bf2 $\dagger$. iii) 4 Sc 6 ? Qxc6 5Se7 $\dagger \mathrm{Ke} 3$ 6Sxc6 $=$, and worse would be 6Bbl? $\mathrm{Qg} 2 \dagger$.
No. 109: V. A. Korolkov. le5 Bxe5t 2Ka2 Bd4 3Bb3/i Ke4 4Ra5 Bc5 5Ba4 Kd5 6Ra6 Bb6 7Rxb6 h1Q 8Bc6 $\dagger$ Kc5 9Bxh1 Kxb6 10 h 4 wins. i)3Rxd4? h1Q 4Be4 $\dagger$ Ke3 5Bxh1 Kxd4 6h4 Ke5 =

No. 110: V. Yakimchik. 1Kf1/i Se3† 2Ke1 Sc2† 3Kd2 Sxa1 4Kxd3 Kg7 5Kc3 Ba4 6Sg6/ii Kxg6 7Kb4 Bc2 8Kc3 Be4 9Kd4 Bc6 10 Kc 3 Ba 411 Kb 4 Bd 1 12 Kc 3 Kg 513 Kb 2 Sc 214 Kc 1 Se 315 Kd 2 wins. i) 1 Kf 3 ? Bc6 $\dagger 2 \mathrm{Kf} 4 \mathrm{~d} 23 \mathrm{Sf} 7 \dagger$ Kh7 4Sg5t Kg6 5Sh3 Bg2 queens the pawn. ii) 6 Kb 4 ? $\mathrm{Bc} 2 \mathrm{KKc}^{\mathrm{K}} \mathrm{Bh} 7$ wins.
No. 111: G. A. Nadarieshvili. 1f7 Bf4†/i 2Kxf4 blQ/ii 3f8Q Qf1† 4Ke5 Qe1 $\dagger 5 \mathrm{Kd} 6 / \mathrm{iii} \mathrm{Qb} 4 \dagger 6 \mathrm{Ke} 5$ with a positional draw. i) $1 . \mathrm{c} 1 \mathrm{Q} 2 \mathrm{f} 8 \mathrm{Q}$ Qd3 $\dagger$ $3 \mathrm{Kh} 4 \mathrm{Qxd} 45 \mathrm{Qf} 7 \dagger=$. ii)2..c1R 3f8S $\dagger \mathrm{Kg} 84 \mathrm{Sxd7}=$. iii) 5 Kf 4 ? Qf2 $\dagger 6 \mathrm{Ke5}$ Qg3 $\dagger 7 \mathrm{Kf} 6$ Qf4 $\dagger$ wins the $P$ ending.
No. 112: P. Perkonoja. 1c7 Sd7 2c8Qt/i Rxc8 3h7 Rxc3 4h8Q Rg3i $5 \mathrm{Kh} 7 \dagger$ Sf8 $\dagger 6 \mathrm{Kh} 6 \mathrm{Rxg} 2 / \mathrm{ii} 7 \mathrm{fe} \mathrm{Rh} 2 \dagger \mathbf{~} \mathbf{~ K g 7}$ Rxh8 9efQ $\dagger$ Rxf8 10 f 6 wins. i) 2 h 7 ? $\mathrm{Rg} 4+3 \mathrm{Kh} 8 \mathrm{Sb} 64 \mathrm{fe} \mathrm{f6}$ (to clear f7 for bK ) 5 Bxf 6 Sc 86 Bg 7 Kf 7 7f6 Re4 8g4 Rxe7 9fe Sxe7 wins. ii)6. .ef 7Qxf6 wins, for if 7. Rxf2 8Qc6†.
No 113: E. Pogosjants. 1h7 $\dagger$ Kh8 2b3/i Bcl/ii 3g3 (tempo) Ba3 4g4 Bcl $5 \mathrm{Kxc} 1 / \mathrm{iii} \mathrm{Bxb} 3 \mathrm{6Kd2} \mathrm{Ba} 27 \mathrm{Kc} 2 \mathrm{Be} 68 \mathrm{Kd} 3 \mathrm{Bxg} 4 \mathrm{Ke} 4=$. i) 2 ba ? Be6 3a4 Bf5 $\dagger 4 \mathrm{Kc} 3 \mathrm{Bxg} 65 \mathrm{Kd4} \mathrm{Bc} 26 \mathrm{a} 5 \mathrm{Ba4}$ wins. ii) 2. Bxd6? 3Kb2Black must keep his white-squared bishop. iii) 5g5? Ba3 and White is in Zugzwang.
No 114: G. M. Kasparyan. 1Ke7 Sb3 Kxf7 e5 3Ke6 e4 4Kd5 Kf3 5Kc4 Kg4 6Be3/i Sa5† 7Kb5 Sb7 8Kc6 Sd8† 9Kd7 Sf7 10Ke6 Kf3/ii 11Bd2 Ke2 12Bf4 Sd8 $\dagger$ 13Kd7 Sb7 14Kc6 Sa5 $\dagger$ 15Kb5 Sb3 16Kc4 Kf3 17Bg5 Kg 4 18Be3 Positional draw. i)6Kd5 Kf5 7Be3 Sc7t and the knights are safe. Together with No. 53 this study is evidence that Kasparyan has recently been probing the possibilities of this material.
No 115: V. A. Bron. 1Bd2 $\dagger \mathrm{Ka} 4 / \mathrm{i} 2 \mathrm{Be} 8 \dagger \mathrm{~Kb} 3 / \mathrm{ii} 3 \mathrm{Bf} 7 \uparrow \mathrm{Ka} 44 \mathrm{Kc} 2 \mathrm{~b} 1 \mathrm{Q}^{\dagger}$ $5 \mathrm{Kxb} 1 \mathrm{~g} 1 \mathrm{Q} \dagger 6 \mathrm{Ka} 2 \mathrm{Qg} 8 / \mathrm{iii} 7 \mathrm{Bd} 5 \mathrm{Qf} 78 \mathrm{Se6} \mathrm{~Kb} 5 / \mathrm{iv} 9 \mathrm{Sd} 4 \dagger \mathrm{Ka4} 10 \mathrm{Bb} 3 \dagger$ wins, avoiding stalemate. i) 1. Kb6 $2 \mathrm{Be} 3 \dagger$ and 3 Kc 2 . ii) $2 . \mathrm{Ka} 3 \mathrm{Sb} 5 \div$ and White can stop the pawns. iii) The only defence against $7 \mathrm{Be} 8 \dagger$ and 7 Bb 3 ㄱ. iv) bQ defences to 9 Bc 6 allow forks.
No 116: V. A. Korolkov. 1c5 $442 \mathrm{c} 6 \mathrm{f} 3 \mathrm{3ef} \mathrm{Sg} 6 \dagger 4 \mathrm{Kf7} \mathrm{Se} 7 / \mathrm{i} 5 \mathrm{Bxe} 7 \mathrm{Bh} 2$ $6 f 4$ Bxf4 7Bg5 e2 8Bxf4 elQ 9c7 Qc3 10Be5 $\ddagger$ Qxe5 11c8Q $\dot{\text { i }}$ wins. i) So that if $5 \mathrm{Kxe} 7 \mathrm{e} 26 \mathrm{Bb} 4 \mathrm{Bc} 5 \dagger$ or $6 \mathrm{Ba} 3 \mathrm{Bb} 6=$.
No 117: E. Pogosjants. 1Kf6 Kh6 2d6 Se8 $\dagger$ 3Bxe8 e3 4d7/i e2 5d8S/ii e1S/iii 6Sc6 Sf3 7Se7 Sh4 8Sg8 mate. i) 4Bb5? e2 5Bxe2=. ii) 5d8Q? $\mathrm{e} 1 \mathrm{Q}=$. 5. .e1Q 6Sf7†. Kh5 7Se5 $\dagger$ Kh4 8Sf3 $\dagger$ wins.
No 118: I. Chuiko. 1Bd4 Bb6 $\dagger / \mathrm{i}$ 2Bxb6 g3 3Bd4 Ra7 $\dagger 4 \mathrm{Bxa} 7 \mathrm{Kxa} 75 \mathrm{Rb} 7 \dagger / \mathrm{ii}$ Kxb7 6Bc6 $\dagger / \mathrm{iii}$ Kxc6 7Ka6 d4/iv 8e4 d5 9e5 g2 10b5 $\dagger$ Kc5 11Ka5g1Q 12 b 4 mate. i) $1 . . \mathrm{Bxd} 42 \mathrm{Rxb} 7$ as main line; $2 \mathrm{Rxb} 7 \mathrm{Kxb7} 3 \mathrm{Bc} 6 \dagger$ is the far from obvious threat. ii) bPh6 is explained by 5 Rxd 5 g 2 - when g 5 is guarded. iii) Threatening 7Bxd5, hence forcing the capture. iv) There is a dual after 7 . g 2 by either 8 d 4 or $8 \mathrm{~b} 5 \dagger \mathrm{Kc} 59 \mathrm{Ka} 5$.
No 119: V. Vishnjevsky and Al. Kuznetsov. 1Sb5 Ra5 2h7 Se7† 3Kb7 $\mathrm{Sg} 6 / \mathrm{i} 4 \mathrm{~h} 8 \mathrm{Q}$ Sxh8 $5 \mathrm{~Kb} 6 \mathrm{Ra} 86 \mathrm{~Kb} 7 \mathrm{Rd} 87 \mathrm{Kc} 7=$. i) $3 . \mathrm{Rxb} 5 \dagger 4 \mathrm{Ka} 6=$. In this study note that $R \div S$ does not win against $S+S$.

No 120: E. Pogosjants. 1Sc3t Ke6 2Se2 Rg5 3Bd2 Rc5 4Bb4 Re5 5Bc3 Re3 6 Bd 2 Re5 $7 \mathrm{Bc} 3=$. The play may not be deep, but the position is of remarkable naturalness and the constructional skill is enviable.

No. 103
C. Sansom May 1965
$\qquad$


No. 105
C. Sansom

Correspondence Chess, Aug. 1965

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No. 104
Correspondence Aug. 1965


No. 106 C. Jonsson 1st H.M. Tidskrift för Schack Tidskrift för Schack, sept. '65


No. 108
A. Belyenky

1st Pr. Shakhmaty v SSSR, '64



No. 111 G. A. Nadarieshvili
Shakhmaty v SSSR, 4/1965


No. 113
Shakhmaty v. Pogosjant
SSSR, 6/1965
Shakhmaty $v$ SSSR, 6/1965

No. $110 \quad$ V. Yakimehik Shakhmaty v SSSR, 3/1965


No. 112
Shakhmaty v SSSR, $5 / 1965$


No. 114 G. M. Kasparyan 1st Pr., IV F.I.D.E. Tny, '64-5


No. 115
2nd Pr.. IV F.I.D.E. Tny. A. Bron
64-5


No. 116 V. A. Korolkov 3rd Pr., IV FI.D.E. Tny, '64-5


No. 118 1. Chaiko 2nd Pr., Shakhmatnaya Moskva, 1964


No. 120 E. Pogosjants Spl. Pr., Shakmatnaya Moskva, 1964 Award: 9x. 65


## "WALTER VEITCH INVESTIGATES"

Walter Veitch, who takes no part in the selection and presentation of studies in E G, has in this feature complete freedom to question all analyses. Unless otherwise stated all comments are Walter's own. We hope this feature will be a regular one. You may write to Walter (address on the back page) if you are convinced that any analysis in these pages is at fault.
No. 37: H. M. Lommer. There is regrettably a much simpler draw by $1 \mathrm{Rg} 7 \dagger \mathrm{Kh} 1 / \mathrm{i}$ 2Re7 Bd5 3f7 Bxf7 (3. Rf1 4Rel=) 4Rxf7 b3 5Rf5 draws. The position is as in Note vii but with wK on hl not g1 - one square too far off. i) 1 . $\mathrm{Kf} 1(2)$ ? 2 f 7 wins. Or $1 \mathrm{Bg} 22 \mathrm{Rg} 3 \mathrm{Kh} 23 \mathrm{f} 7=$. Or 1 Kh2 2f7 Rf1(a1) 3Rg4 b3 4Rxe4 b2 5Re2 $\dagger=$.
No. 40: B. V. Badaj. Black wins. Simply $2 \mathrm{Kg7}(8)$ instead of 2 . $\mathrm{Sf} 6 \dagger$ White loses a piece and there are no tricks.

No. 48: F. S. Bondarenko and A. P. Kuznetsov. White can improve on 5 Bf 1 and win by $5 \mathrm{~d} 6 \mathrm{Be} 66 \mathrm{Bf} 1 \mathrm{Bd} 57 \mathrm{Qxh} 1 \dagger$. Another win is 1Qe8 a $2 \dagger$ 2Ka1 Rh1 3Bxc6 Bh2 4Qxe4 Rg1 5Qf3. A bP on d7 eliminates these but still leaves an alternative draw by $1 \mathrm{Qe} 8 \mathrm{a} 2 \dagger \mathbf{~} \mathrm{Ka} 1 \mathrm{Rh} 13 \mathrm{Qxe} 4 \mathrm{Bxd5}$ 4Ba6 $\dagger$ Kxf2 5Qe2 $\dagger$ Kxg3 6Qe5 $\dagger \mathrm{Kg} 2$ 7Bf1 $\dagger \mathrm{Kf} 2$ 8Qe2 $\dagger \mathrm{Kg} 3$ 9Qe5 $\dagger \mathrm{Kh} 4$ 10Qh8 $\dagger \mathrm{Kg} 4$ 11Be2 $\dagger \mathrm{Kg} 3$ 12Qe5 $\ddagger \mathrm{Kf} 2$ 13Qf6 $\dagger \mathrm{Ke} 3$ (13 Kxe2 14Qf1 $\dagger$ etc. Or 13. Kel 14Qfi $\dagger \mathrm{Kd} 2$ 15Bf3 etc.) $14 \mathrm{Qxg} \dagger \dagger \mathrm{Kxd} 4$ 15Qg4 $\dagger$ any 16Bf3 $=$. A further bP on g 7 mends this.
No. 49: F. S. Bondarenko and A. P. Kuznetsov. Can anyone demonstrate that Black does not win after 6. Rh5 7Sf6 Kg2 (instead of 7. .Rh6) 8Sxh5 gxh5? The likely line is $9 \mathrm{Kc} 6 \mathrm{Kxf} 2 \mathrm{~K} \mathbf{~ K c 5 ~ K x g 3 ~} 11 \mathrm{Kxb} 4 \mathrm{Sg} 6$ 12 Kc 4 Sxf 4 13b4 h4 14Bc6 (14b5 Sd5) h3 15b5 Se6 16b6 (16Kxd3 f4 $17 \mathrm{Ke} 2 \mathrm{f} 3 \dagger$ 18Bxf3 Sf4 wins) Sd8 17 Bh 1 f 4 wins.
No. 51: J. J. van den Ende. There is a alternative win by $2 \mathrm{Bb} 2 \dagger \mathrm{Ka} 4$ 3Re8 when the threat, apart from $\mathrm{Sc} 5 \div$, is Rb 8 .
No. 53: G. M. Kasparyan. Black can draw. In Note ii 5 Bg7 6Kf1 Bf6, not 6. Kc6. Kc6 and Ke6 are now both threats. The transposed Ph5 helps trap the other $S$.
No. 55: T. B. Gorgiev. White has a quicker win by 3Scl Bxcl (c3/b4) 4 Sc 4 etc. It is mate on move 7 at latest.
No. 58: T. B. Gorgiev and A. S. Kakovin. There is the simplest of draws after $4 . . \mathrm{Kb} 6 \mathrm{Rbb} \dagger$ (not $\mathrm{Rb} 2 \dagger$ ) $\mathrm{Ka} 76 \mathrm{Ra} 3 \dagger \mathrm{~Kb}=\mathrm{as} . \mathrm{Kb} 8$ would allow Re8 mate.
No. 59: G. N. Zakhodyakin. An original draw but are there no others? Say by $1 \mathrm{Kc} 2 \mathrm{~h} 1 \mathrm{Q} 2 \mathrm{Bb} 5 \mathrm{Qe} 4 \dagger 3 \mathrm{~Kb} 3 \mathrm{Rxe} 74 \mathrm{Rxe} 7 \mathrm{Qxe} 7$ 5Rd5 etc. A bPc6 or d6 could be the means of fixing this.
No. 65: T. B. Gorgiev. Why 6. Bc7? 6. Ral $7 \mathrm{Kxg} 3 \mathrm{Ra} 3 \dagger 8 \mathrm{Kf} 2 \mathrm{Ra} 2$ is a draw for Black, nor should there be a win by 8 Kf 4 Kg 19 Se 3 Ra 8 (cf. Fine B.C.E. Nos. 538/9).
No. 68: H. Källström. Here 6Bf5 is of course even simpler.
No. 69: F. S. Bondarenko and A. P. Kuznetsov. The main criticism is hat on $4 . \mathrm{Kf7}$ as proposed White is presented with a mate in five, jy 5 Bg 1 etc. In addition $1 \mathrm{Se} 3 \dagger \mathrm{Kf} 62 \mathrm{Sfd} 5 \dagger$ also draws as if 2 . Kxf 7 3Sxc4 Kf8 4Sxe5 g3 5Bg1 etc.

## 'IT MIGHT HAVE BEEN COMPOSED"

The above comment appears quite frequently in notes to games. It is hardly ever justified if the canons of economy and soundness are applied But here is a recent example that does qualify. Percy Cock was Black against G. A. C. Ashcroft in a Civil Service League match when this position occurred with Black to move. The play (or solution) was 1. Se5 2d8S b6 $\dagger$ 3Bxb6 Sc4 $\dagger$ 4Kb5 Sxb6 5Sc6 f2 wins. The win is straightforward if 2 d 8 Q Sc6 $\dagger$ 3Kb6 Sxd8.


This example is excellent for showing to people who "never look at anything composed, because it is always artificial". Show it without saying whether it is composed or not, and ask afterwards if they think it was played or composed. There are only 3 answers they can give, and it is possible to make useful studypropaganda out of any of them.

1. "Composed". Answer: No, it was actually played - this shows that the distinction between over-the-board play and compositions is not the distinction between "natural" and "artificial".
2. "Played". Answer: Yes, but it is just such positions that interest the studyenthusiast. If you enjoyed this position then you will enjoy studies. 3. "Don't know". Answer: In other words, if a position is interesting it does not matter whether it was composed or played. Composers try to create interesting positions.
We are looking forward to Bob Wade's talk on 1.iv.66, when the questions of naturalness and the usefulness of studies to the player are sure to be discussed. If any playerfriends of Chess Endgame Study Circle members would like to come to this meeting, please tell them in good time. We export a larger attendance than at our first meeting.

## REVIEW

Auf Spurensuche mit Schachfiguren, by Dr Alois Wotawa, Walter de Gruyter \& Co., Berlin 1965. Price 42s. 6d including postage, from British Chess Magazine Ltd. Limp cover, 204 pages.

There is only one possible major criticism of this work, and this criticism can in no way reflect upon the author. The price is very high. If the content were not of a high standard we should be tempted to say "Wot-a-wa ste of money".
Dr Wotawa is a retired barrister and renowned study composer both in his native Austria and throughout the world. He presents in this book 150 of his own compositions, copiously analysed and discussed. More than a full page is devoted to the solution of each selected position, and apart from the occasional flimsy whimsy the notes are very much to the point.
The studies are divided into 6 sections: pawns, rooks, bishops, rook and minor pieces, minor pieces only, and the fight "against the black queen". Dr Wotawa's preference for that very difficult piece, the rook, is shown by the 91 studies that have rooks on the board (and
this excludes several in the queen section). Here is a beautiful example of his rook-handling skill.

1 Kb 4 ? is answered by a series of rook
 We arts. In another he broaches the subject from his own work, but without lending his weight to any particular side in the discussion. The final article is in fact a Sherlock Holmes short story by Dr Wotawa woven around an interesting piece of chess retro-analysis.
English readers will know what we mean when we say that the diagrams are clear as a Bell. The ideal present for the study enthusiast to receive.
A. J. R.

## Review:

Dos Caballos en Combate, by Dr Carlos R. Lafora. Published by Ricardo Aguilera, Madrid 1965. 206 pages.

This is the first volume to appear in a comprehensive attempt to cover the fight of two knights, with and without pawns, against any combination of force. In fact according to Dr Lafora's own classification he covers here three chapters out of a possible 19.
Dr Lafora is a senior composer and collector who has many thousands of studies in his library. He is therefore in an excellent position both to compile a word like the present one and to present it in his own way. For whom is this book intended? In supplying an answer we must confess to being hampered by our weakness in the Spanish language. Because of the emphasis on compositions and the minority of game positions the public aimed at appears to be the same as Cheron's Lehr- und Handbuch der Endspiele; that is, study enthusiasts and people generally fascinated by the ending, rather than inveterate over-the-board players.
An indication of the meat and erudition in the book is supplied by reeling off a few facts. There are 388 diagrams and nearly as many actual examples. Citations, complete with acknowledgments, are frequent. They include Averbach, Berger, Bridier, Chéron, Lissitzin, Soukup-Bardon, Troitzky and others. Nearly three-quarters of the book is devoted to the notorious ending 2S v P, and the treatment afforded here is probably the fullest in any single work. A possible drawback
is the wholesale adoption of Troitzky's material and eccentric terminology. On the other hand of particular interest to the study specialist are the final 20 pages of this chapter which give 46 examples of two lone knights drawing against various miscellaneous forces.
An admirable feature is the algebraic notation, unusual in a Spanish chess book. On the debit side are a number of textual and diagram errors and inconsistencies which will no doubt be corrected in a later edition. The book should be useful when searching for anticipations. There is no index. The format is clear and pleasing and there is an attractive glossy semi-stiff cover.
A. J. R.

There are the following additions to the list of magazines being exchanged with E G:-
Deutsche Schachzeitung W. Germany

Jaque Mate
Magyar Sakkelet
Magyar Sakkélet
Schach-Echo
Schweizerische Schachzeitung
Shakhmatna Misl
South African Chessplayer

Cuba
Hungary
Holland
W. Germany

Switzerland
Bulgaria
South Africa

Of the above magazines Probleemblad does not normally include endgame studies, and Jaque Mate rarely. It appears that the American Chess Quarterly, whose endgame section has been run by that indomitable enthusiast and composer Joseph E. Peckover, is to cease publication after only 4 years. As consolation we hope to have contributions from time to time from Mr Peckover in our own pages. There is no further news of the fate of the FIDE Revue, which is still appearing but which, strong rumour avers, may cease being printed in Czechoslovakia and be transferred to West Germany. A typical mystery of FIDE matters is that the result of the FIDE IV International Study Tourney has not appeared in the FIDE Revue, but names of prizewinners have appeared in both Springaren and Shakhmaty $v$ SSSR.

* At 19.1.66 the number of paying subscribers to The Chess Endgame Study Circle was 110. This is a great improvement on the figure of 48 given in E G No 2. *

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Next Meeting of The Chess Endgame Study Circle
Friday 1st April 1966, at 6.30 p.m. at St. Bride's Institute, London EC 4
Talk: International Master R. G. Wade
"The borderline between artistic and practical endings".

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