



N.1 July 2004 (by Luigi Salemi)



Question



Pushes from the presence of the 3 useless “J” or perhaps from the necessity to realize a top you are lands you to the contract of 7 N.T., in hush of the adversaries, with the following cards:

♠ A32  
♥ A32  
♦ A32  
♣ AQT2  
North

♠ KQJ  
♥ KQJ  
♦ KQJ  
♣ 6543  
South

and you receive the opening lead of 9 of Hearts, to right answers.

Your play line? (easy). Which it is the probability to carry more to house your than optimistic contract? (the little most difficult one).



Answer



Much time passed to the table has not been useless, in less than a pair than hours you have established that in order to realize yours contracted it is necessary to find the Clubs 3-2 with “K” and “J” to left. One becomes therefore necessary to make before the finesse to the “J” and after to the “K”. Good made, a point for you.

While you were about yourselves to answer to the second question you were perhaps in doubt on according to decimates them of the p. of Division 3-2, therefore you have leaf through a book or a verified review and that this is worth 67,82%.

- 1) "more it is made", you have thought, "the p. of the division of the Honours I find it alone": a Piece on the left 50%, the other anchor 50% therefore  $67,82\% \times 50\% \times 50\% = 16,95\%$ . And instead you have not gone to us near, still tried! ..
- 2) Someone could have thought that therefore he was too much simple, continuing to leaf through the look has even fallen over the division of 2 Cards

of Rest. As it is famous 2 cards of find 1-1 in 52% of the cases, while any 2-0 (we put ourselves of agreement on the diagram, when an hyphen "x-y" not individual which player has "x" carts, when use "x/y" I mean "x" cards on the left and "y" to right, naturally "1-1" and like "1/1", "2-2" and like "2/2", etc.) it is worth 24% of the cases. EUREKA, will have thought. Before making of account we spend 2 words on because the 2/0, as an example, are worth 24% and the not 25%, that has had to the following observation: when I place a card near a Player to these 12 places remain available ONLY others (the famous Free Places), while to the other Player 13 remain some, are therefore easier that the second card is placed near these in relationship 13/12. Saying various the first card will be on the left 50% of the times, while second ONLY 48%. Passing to accounts  $16.82\% \times 50\% \times 48\% = 16,28\%$ . Good observation, but the result still is mistaken and a lot.

.. and THREE

We have seen as positioning an honour in a hand so that you change the p is enough. to find you also the other. Possible that instead he having supposed 3-2 does not modify the p. of divisions of the honours? And in fact he modifies it and as! Observing the lines is enough following identified the 5 cards missing in King, Jack, 9, 8 and 7 there we wonder how it is possible to set out again in 3-2

Ripartizioni 3/2

- a) KJ9 / 87
- b) KJ8 / 97
- c) KJ7 / 98
- d) K98 / J7
- e) K97 / J8
- f) K87 / J9
- g) J98 / K7
- h) J97 / K8
- i) J87 / K9
- l) 987 / KJ

Ripartizioni 2/3

- m) 87 / KJ9
- n) 97 / KJ8
- o) 98 / KJ7
- p) J7 / K98
- q) J8 / K97
- r) J9 / K87
- s) K7 / J98
- t) K8 / J97
- u) K9 / J87
- v) KJ / 987

The 20 allotments are obviously equally probable (or if you prefer equally possible), we win only with 4 of them, those corresponding to a ), b ), c ) and v ). Therefore we win in 4 cases on 20 even numbers to 20%.

The right account  $67.82\% \times 20\% = 13,56\%$ .

**\*\* Talk \*\***

- Adam, I have decided to give you a woman..
- God, what is a woman?
- A mate in the life, a support in the difficult moments, never contradicts you, does not get angry if you smoke in the lounge it, lets go to the stadium it and lets you see everybody the matches, he attends at the house, he attends the children, he plays well to Bridge and will make you win many tournaments.
- Very beautiful, but I wonder how much such a woman costs: an eye of the head, an arm, a leg. What do you give me for a rib?