

6NT

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February 4, 2024

16	♠	K 4	♥	A J T	♦	A 7 5 3	♣	A 6 3 2
				N				
		W				E		
				S				
16	♠	A Q J 6	♥	7 5	♦	K 9 6 2	♣	K Q J

West leads T♠ against 6NT.

We have 11 top tricks. Two finesses in the heart suit give 76% chance for the 12th trick, diamond suit gives 68% chance (3-2 break). We can take only one of those chances. However, the combined chances are:

- If W holds 4 diamonds, we can finesse twice into the safe E's hand, succeeding if the honors are split (52%).
- If E holds 4 diamonds, we can make the contract if W holds both ♥ honors (24%).

We can find out the diamonds distribution playing two top diamonds first. Overall that gives us

$$68\% + 32\% \cdot \frac{52\% + 24\%}{2} = 80\%.$$

Extra: if W has diamond length and W has both heart honors, we can still try to endplay E extracting his black suits before finessing the heart!

	$_{16}$ ♠ K 4 ♥ A J T ♦ A 7 5 3 ♣ A 6 3 2		
	N		
$_2$ ♠ T 9 8 7 ♥ 9 7 3 ♦ Q T 5 4 ♣ 9 7	W	E	$_6$ ♠ 5 3 2 ♥ K Q 8 6 2 ♦ J ♣ T 8 5 4
	S		
	$_{16}$ ♠ A Q J 6 ♥ 7 5 ♦ K 9 6 2 ♣ K Q J		