## 1

N / none

| | | |
|---|---|---|
| | ♠ QJ943<br>♥ 3<br>♦ K3<br>♣ A7532 | |
| ♠ A862<br>♥ 8<br>♦ 1086<br>♣ KJ1094 | N<br>W E<br>S | ♠ K75<br>♥ KQ972<br>♦ A9742<br>♣ |
| | ♠ 10<br>♥ AJ10654<br>♦ QJ5<br>♣ Q86 | |

Minimax: 1NT W, -90

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | | | | | 1 |
| S | | | | | 1 |
| E | 1 | | 1 | 1 | |
| W | 1 | | | | 1 |

## 2

E / NS

| | | |
|---|---|---|
| | ♠ K8<br>♥ AJ10532<br>♦ Q654<br>♣ 10 | |
| ♠ A10532<br>♥ 74<br>♦<br>♣ 865432 | N<br>W E<br>S | ♠ J9<br>♥ Q986<br>♦ 8732<br>♣ AK7 |
| | ♠ Q764<br>♥ K<br>♦ AKJ109<br>♣ QJ9 | |

Minimax: 6♣x W, 500

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | 2 | | 2 | 5 | |
| S | 2 | | 3 | 5 | |
| E | | | | | 3 |
| W | | | | | 3 |

## 3

S / EW

| | | |
|---|---|---|
| | ♠ K8653<br>♥ A3<br>♦ J6<br>♣ K1042 | |
| ♠ Q109<br>♥ 1094<br>♦ A1092<br>♣ Q87 | N<br>W E<br>S | ♠ J42<br>♥ 75<br>♦ KQ8743<br>♣ AJ |
| | ♠ A7<br>♥ KQJ862<br>♦ 5<br>♣ 9653 | |

Minimax: 4♥ N, 420

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | | 2 | 4 | | 4 |
| S | | 2 | 3 | | 4 |
| E | | | | | 2 |
| W | | | | | 2 |

## 4

W / all

| | | |
|---|---|---|
| | ♠ AQ<br>♥ Q832<br>♦ K104<br>♣ 10974 | |
| ♠ K83<br>♥ K96<br>♦ 963<br>♣ KJ82 | N<br>W E<br>S | ♠ J542<br>♥ 1074<br>♦ AJ875<br>♣ 6 |
| | ♠ 10976<br>♥ AJ5<br>♦ Q2<br>♣ AQ53 | |

Minimax: 1♣ S, 110

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | 1 | 1 | 2 | | 3 |
| S | 1 | 1 | 2 | 1 | 3 |
| E | | | | | |
| W | | | | | |

## 5

N / NS

| | | |
|---|---|---|
| | ♠ Q2<br>♥ J653<br>♦ J10753<br>♣ K4 | |
| ♠ KJ1095<br>♥ Q4<br>♦ AK6<br>♣ AJ5 | N<br>W E<br>S | ♠<br>♥ A1092<br>♦ Q942<br>♣ Q9873 |
| | ♠ A87643<br>♥ K87<br>♦ 8<br>♣ 1062 | |

Minimax: 3NT W, -430

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | | | | | |
| S | | | | | |
| E | 4 | 1 | 3 | 3 | 4 |
| W | 4 | 1 | 3 | 3 | 4 |

## 6

E / EW

| | | |
|---|---|---|
| | ♠ 965<br>♥ KQ754<br>♦ Q832<br>♣ K | |
| ♠ Q84<br>♥ 103<br>♦ 74<br>♣ 1098654 | N<br>W E<br>S | ♠ A10732<br>♥ 82<br>♦ A5<br>♣ AQ72 |
| | ♠ KJ<br>♥ AJ96<br>♦ KJ1096<br>♣ J3 | |

Minimax: 4♠x E, 200

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | | | 4 | 4 | |
| S | | | 4 | 4 | |
| E | 2 | 3 | | | 3 |
| W | 2 | 3 | | | 3 |

## 7

S / all

| | | |
|---|---|---|
| | ♠ 87<br>♥ QJ9<br>♦ J10762<br>♣ 732 | |
| ♠ QJ3<br>♥ AK107<br>♦ AQ9<br>♣ KQ6 | N<br>W E<br>S | ♠ A10652<br>♥ 6<br>♦ K543<br>♣ AJ5 |
| | ♠ K94<br>♥ 85432<br>♦ 8<br>♣ 10984 | |

Minimax: 6NT E, -1440

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | | | | | |
| S | | | | | |
| E | 6 | 6 | 4 | 4 | 5 |
| W | 6 | 6 | 4 | 4 | 5 |

## 8

W / none

| | | |
|---|---|---|
| | ♠ Q65<br>♥ J54<br>♦ KJ105<br>♣ K63 | |
| ♠ AK87<br>♥ 102<br>♦ AQ86<br>♣ A95 | N<br>W E<br>S | ♠ 9432<br>♥ Q73<br>♦ 9432<br>♣ 87 |
| | ♠ J10<br>♥ AK986<br>♦ 7<br>♣ QJ1042 | |

Minimax: 3♥ S, 140

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | 2 | | 3 | | 3 |
| S | 2 | | 3 | | 3 |
| E | | 1 | | 1 | |
| W | | 1 | | 1 | |

## 9

N / EW

| | | |
|---|---|---|
| | ♠ K862<br>♥ KJ84<br>♦ 104<br>♣ A72 | |
| ♠ 7<br>♥ 107653<br>♦ 9852<br>♣ QJ5 | N<br>W E<br>S | ♠ Q95<br>♥ 92<br>♦ AJ763<br>♣ 1094 |
| | ♠ AJ1043<br>♥ AQ<br>♦ KQ<br>♣ K863 | |

Minimax: 6NT S, 990

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | 6 | 6 | 4 | | 5 |
| S | 6 | 6 | 4 | | 5 |
| E | | | | | |
| W | | | | | |

## 10

E / all

| | | |
|---|---|---|
| | ♠ Q53<br>♥ AQ86<br>♦ 975<br>♣ QJ3 | |
| ♠ 42<br>♥ K1075<br>♦ Q86<br>♣ K1082 | N<br>W E<br>S | ♠ AJ107<br>♥ J92<br>♦ A10432<br>♣ 7 |
| | ♠ K986<br>♥ 43<br>♦ KJ<br>♣ A9654 | |

Minimax: 2♦ E, -90

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | | 1 | | | 2 |
| S | | 1 | | | 2 |
| E | | | 1 | 2 | |
| W | 1 | | 1 | 2 | |

## 11

S / none

| | | |
|---|---|---|
| | ♠ AJ9862<br>♥ 7<br>♦ 7<br>♣ AK742 | |
| ♠ 4<br>♥ K10864<br>♦ Q9865<br>♣ 109 | N<br>W E<br>S | ♠ K1073<br>♥ J<br>♦ K432<br>♣ Q853 |
| | ♠ Q5<br>♥ AQ9532<br>♦ AJ10<br>♣ J6 | |

Minimax: 4♠ N, 450

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | 2 | 5 | 2 | | 3 |
| S | 2 | 4 | 2 | | 3 |
| E | | | | 1 | |
| W | | | | 1 | |

## 12

W / NS

| | | |
|---|---|---|
| | ♠ AJ103<br>♥ 7<br>♦ AK102<br>♣ 10932 | |
| ♠ Q97542<br>♥ A9<br>♦ J74<br>♣ 86 | N<br>W E<br>S | ♠ 6<br>♥ J10853<br>♦ Q65<br>♣ AQJ7 |
| | ♠ K8<br>♥ KQ642<br>♦ 983<br>♣ K54 | |

Minimax: 1NT S, 120

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | 2 | 1 | 1 | 2 | 2 |
| S | 2 | 1 | 1 | 2 | 2 |
| E | | | | | |
| W | | | | | |

## 13

N / all

| | | |
|---|---|---|
| | ♠ 1085<br>♥ K1076<br>♦ 32<br>♣ KJ96 | |
| ♠ AQ963<br>♥ A32<br>♦ A8<br>♣ A107 | N<br>W E<br>S | ♠ KJ4<br>♥ J5<br>♦ Q764<br>♣ Q543 |
| | ♠ 72<br>♥ Q984<br>♦ KJ1095<br>♣ 82 | |

Minimax: 4♠ W, -620

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | | | 1 | | |
| S | | | 1 | | |
| E | 3 | 4 | | | 1 3 |
| W | 3 | 4 | | | 1 3 |

## 14

E / none

| | | |
|---|---|---|
| | ♠ 98<br>♥ K82<br>♦ K3<br>♣ K97543 | |
| ♠ 105<br>♥ J1053<br>♦ 984<br>♣ QJ108 | N<br>W E<br>S | ♠ KQ72<br>♥ Q94<br>♦ QJ72<br>♣ A2 |
| | ♠ AJ643<br>♥ A76<br>♦ A1065<br>♣ 6 | |

Minimax: 2NT N, 120

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | 2 | 2 | 1 | 1 | 3 |
| S | 1 | 2 | 1 | 1 | 3 |
| E | | | | | |
| W | | | | | |

## 15

S / NS

| | | |
|---|---|---|
| | ♠ 965<br>♥ Q86<br>♦ 975<br>♣ QJ73 | |
| ♠ Q103<br>♥ A109753<br>♦ 83<br>♣ 109 | N<br>W E<br>S | ♠ AKJ2<br>♥ K42<br>♦ AQJ<br>♣ A42 |
| | ♠ 874<br>♥ J<br>♦ K10642<br>♣ K865 | |

Minimax: 6NT E, -990

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | | | | | |
| S | | | | | |
| E | 6 | 5 | 6 | 1 | 2 |
| W | 6 | 5 | 6 | 1 | 1 |

## 16

W / EW

| | | |
|---|---|---|
| | ♠ A7432<br>♥ Q3<br>♦ QJ1052<br>♣ 2 | |
| ♠ J6<br>♥ A8754<br>♦ A863<br>♣ Q7 | N<br>W E<br>S | ♠ Q1095<br>♥ 10<br>♦ 974<br>♣ AK1063 |
| | ♠ K8<br>♥ KJ962<br>♦ K<br>♣ J9854 | |

Minimax: 1♥ S, 80

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | | 1 | 1 | 1 | |
| S | | 1 | 1 | 1 | |
| E | | | | | 1 |
| W | | | | | 1 |

## 17

N / none

| | | |
|---|---|---|
| | ♠ 92<br>♥ 1076432<br>♦ 754<br>♣ 104 | |
| ♠ AKJ3<br>♥ Q98<br>♦ AQ6<br>♣ K53 | N<br>W E<br>S | ♠ Q10654<br>♥ AJ<br>♦ J982<br>♣ J6 |
| | ♠ 87<br>♥ K5<br>♦ K103<br>♣ AQ9872 | |

Minimax: 3NT W, -460

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | | | | | |
| S | | | | | |
| E | 5 | 5 | 3 | 5 | 2 |
| W | 5 | 2 | 5 | 1 | |

## 18

E / NS

| | | |
|---|---|---|
| | ♠ K5<br>♥ AQ763<br>♦ KJ97<br>♣ A3 | |
| ♠ 10764<br>♥ K10<br>♦ AQ542<br>♣ KQ | N<br>W E<br>S | ♠ QJ2<br>♥ J852<br>♦ 1063<br>♣ 654 |
| | ♠ A983<br>♥ 94<br>♦ 8<br>♣ J109872 | |

Minimax: 3NT N, 630

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | 4 | 2 | 2 | 1 | 4 |
| S | 4 | 2 | 2 | 1 | 4 |
| E | | | | | |
| W | | | | | |

## 19

S / EW

| | | |
|---|---|---|
| | ♠ 965<br>♥ K1053<br>♦ 8732<br>♣ 86 | |
| ♠ AJ104<br>♥ Q9872<br>♦ 5<br>♣ J105 | N<br>W E<br>S | ♠ KQ832<br>♥ J<br>♦ A104<br>♣ A974 |
| | ♠ 7<br>♥ A64<br>♦ KQJ96<br>♣ KQ32 | |

Minimax: 5♦x S, -300

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | | | | | 3 |
| S | | | | | 3 |
| E | 1 | 4 | | | 2 |
| W | 1 | 4 | | | 2 |

## 20

W / all

| | | |
|---|---|---|
| | ♠ AJ864<br>♥ 2<br>♦ J8743<br>♣ 64 | |
| ♠ 107<br>♥ A986<br>♦ AQ6<br>♣ K1075 | N<br>W E<br>S | ♠ KQ<br>♥ KQJ103<br>♦ K105<br>♣ QJ2 |
| | ♠ 9532<br>♥ 754<br>♦ 92<br>♣ A983 | |

Minimax: 5♥ E, -650

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | | | 2 | | |
| S | | | 2 | | |
| E | 3 | | | 5 | 2 4 |
| W | 3 | | | 5 | 2 4 |

## 21

N / NS

| | | |
|---|---|---|
| | ♠ KJ5<br>♥ KJ64<br>♦ J73<br>♣ K42 | |
| ♠ 9<br>♥ AQ73<br>♦ Q942<br>♣ AQ97 | N<br>W E<br>S | ♠ 10832<br>♥ 1082<br>♦ 1085<br>♣ J103 |
| | ♠ AQ764<br>♥ 95<br>♦ AK6<br>♣ 865 | |

Minimax: 4♠ S, 620

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | 3 | 4 | 1 | 1 | 1 |
| S | 3 | 4 | 1 | 1 | 2 |
| E | | | | | |
| W | | | | | |

## 22

E / EW

| | | |
|---|---|---|
| | ♠ 9542<br>♥ K107<br>♦ A63<br>♣ 943 | |
| ♠ KQ7<br>♥ 95432<br>♦ 8<br>♣ AQ102 | N<br>W E<br>S | ♠ 1086<br>♥ 86<br>♦ KJ9754<br>♣ 85 |
| | ♠ AJ3<br>♥ AQJ<br>♦ Q102<br>♣ KJ76 | |

Minimax: 2♦ E, -90

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | 1 | 1 | | | |
| S | 1 | 1 | 1 | | |
| E | | | | 2 | 1 |
| W | | | | 2 | 1 |

## 23

S / all

| | | |
|---|---|---|
| | ♠ A1098<br>♥ AKQJ2<br>♦ A94<br>♣ K | |
| ♠ 62<br>♥ 8765<br>♦ Q753<br>♣ J73 | N<br>W E<br>S | ♠ J754<br>♥ 93<br>♦ 1086<br>♣ A954 |
| | ♠ KQ3<br>♥ 104<br>♦ KJ2<br>♣ Q10862 | |

Minimax: 6NT N, 1440

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | 6 | 6 | 6 | 4 | 5 |
| S | 6 | 6 | 6 | 4 | 5 |
| E | | | | | |
| W | | | | | |

## 24

W / none

| | | |
|---|---|---|
| | ♠ J832<br>♥ A10<br>♦ J108<br>♣ KQ43 | |
| ♠ K54<br>♥ J732<br>♦ Q972<br>♣ AJ | N<br>W E<br>S | ♠ Q107<br>♥ K54<br>♦ 643<br>♣ 10987 |
| | ♠ A96<br>♥ Q986<br>♦ AK5<br>♣ 652 | |

Minimax: 1♠ N, 110

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | 1 | 2 | 1 | 1 | 2 |
| S | 1 | 2 | 1 | 1 | 2 |
| E | | | | | |
| W | | | | | |

## 25

N / EW

| | | |
|---|---|---|
| | ♠ Q8<br>♥ 10863<br>♦ AJ65<br>♣ 982 | |
| ♠ AK103<br>♥ K9<br>♦ K742<br>♣ 1063 | N<br>W E<br>S | ♠ J964<br>♥ 7542<br>♦ 983<br>♣ K4 |
| | ♠ 752<br>♥ AQJ<br>♦ Q10<br>♣ AQJ75 | |

Minimax: 2♥ N, 140

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | 2 | | 3 | 1 | 4 |
| S | 2 | | 3 | 1 | 4 |
| E | | 1 | | | |
| W | | 1 | | | |

## 26

E / all

| | | |
|---|---|---|
| | ♠ J7<br>♥ 543<br>♦ AKQ76<br>♣ QJ7 | |
| ♠ 109865<br>♥ K1076<br>♦ 84<br>♣ 93 | N<br>W E<br>S | ♠ AQ<br>♥ 982<br>♦ J1032<br>♣ A1065 |
| | ♠ K432<br>♥ AQJ<br>♦ 95<br>♣ K842 | |

Minimax: 3NT N, 600

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | 3 | 1 | | 3 | 3 |
| S | 3 | 1 | | 3 | 3 |
| E | | | | | |
| W | | | | | |

## 27

S / none

| | | |
|---|---|---|
| | ♠ J32<br>♥ 42<br>♦ K94<br>♣ A8742 | |
| ♠ 94<br>♥ KQ105<br>♦ J10862<br>♣ 63 | N<br>W E<br>S | ♠ AQ10875<br>♥ A7<br>♦ Q3<br>♣ Q109 |
| | ♠ K6<br>♥ J9863<br>♦ A75<br>♣ KJ5 | |

Minimax: 2NT S, 120

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | 2 | | 1 | | 2 |
| S | 2 | | 1 | | 2 |
| E | | 1 | | 1 | |
| W | | 1 | | 1 | |

## 28

W / NS

| | | |
|---|---|---|
| | ♠ AK4<br>♥ A9654<br>♦ 1097<br>♣ 98 | |
| ♠ QJ8<br>♥ 3<br>♦ KQJ543<br>♣ Q105 | N<br>W E<br>S | ♠ 109632<br>♥ KJ1082<br>♦ 2<br>♣ KJ |
| | ♠ 75<br>♥ Q7<br>♦ A86<br>♣ A76432 | |

Minimax: 2NT E, -120

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | | | | 1 | 1 2 |
| S | | | | | 2 |
| E | 2 | 2 | | | |
| W | 1 | 2 | | | |