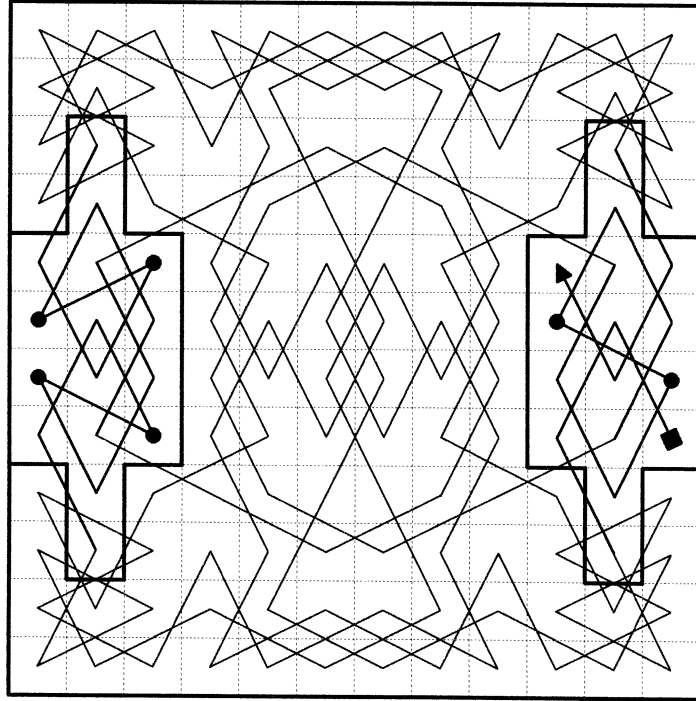
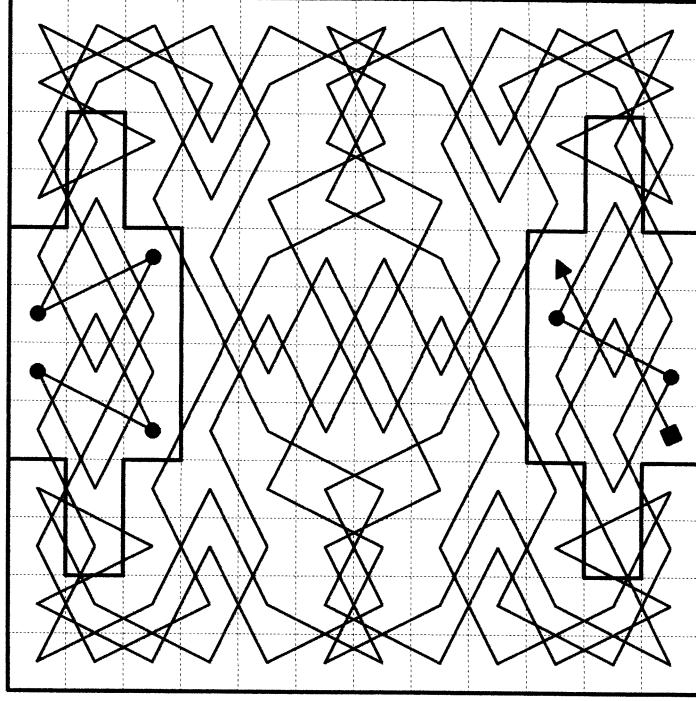


A New 12 by 12 Magic Knight's Tour
with diagonals adding to 870 ± 34



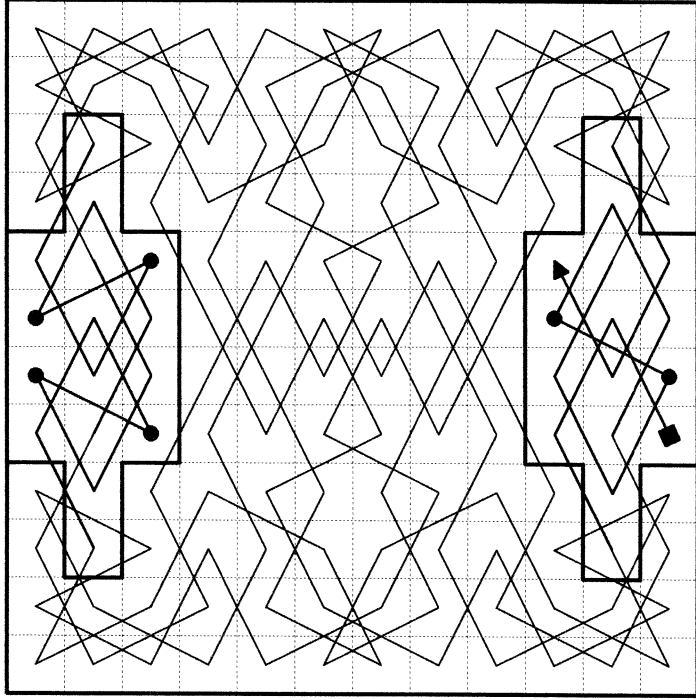
Further details of the construction of these tours
and much else on knight's tours will be found on my website:
<http://homepages.stayfree.co.uk/gpj>

Best Wishes
for the
New Year and Millennium



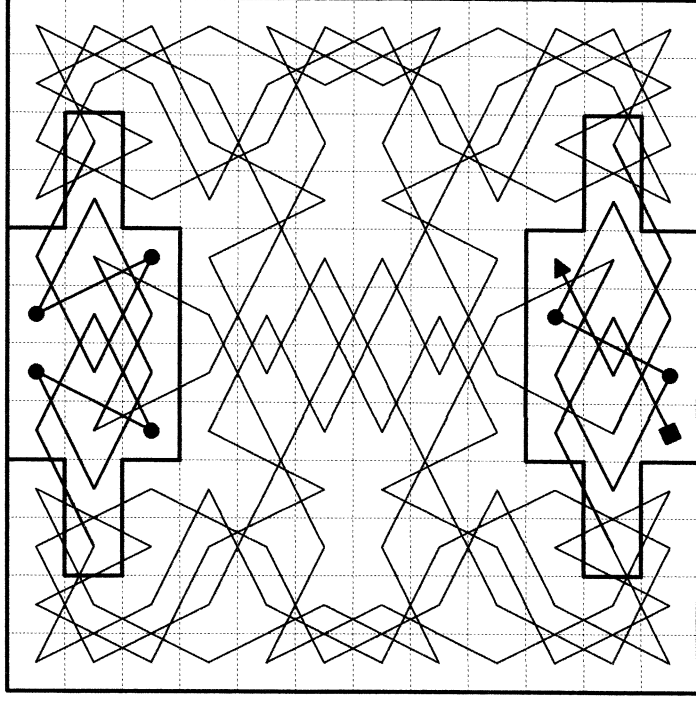
from
George Jelliss
A New 12 by 12 Magic Knight's Tour
with diagonals adding to 870 ± 22

A New 12 by 12 Magic Knight's Tour
with diagonals adding to 870 ± 42



The four designs of magic tour shown on this card are part of a set of 25 tours I have constructed on the same plan. All have the same moves within the two lozenge-shaped areas, and the connecting moves are in reflective quaternary symmetry.

A New 12 by 12 Magic Knight's Tour
with diagonals adding to 870 ± 46



In all the tours the sum of the two diagonals is 1740 ($= 870 \times 2$). The moves within the lozenge-shaped areas can each be inverted thus each tour gives three others with the same diagonal sums. The complete set is of 100 tours.