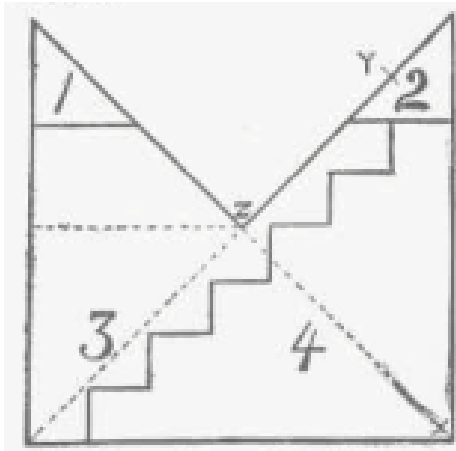


Puzzle

At the end of this Aenorm, it's time for a bit of relaxing with a few puzzles. But let us first give the solutions to the puzzles of the previous edition.

Making a perfect square

The solution is given out below. First clip off the little pieces 1 and 2 and pack them into the center. Then cut the zig-zag steps and move piece 4 down one step. The four pieces will fit together so as to make a perfect square.



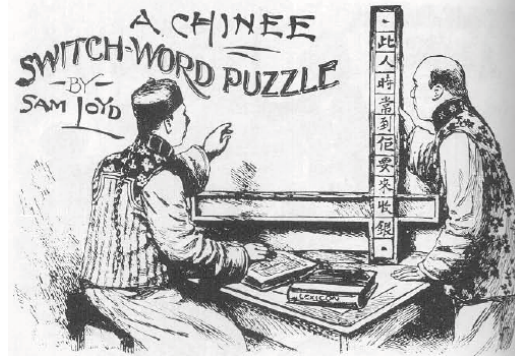
Six bottles of beer on the wall

The professor sold the 13 and 15 gals of wine at 5 Euro per gallon = 140 Euro. He also sold the 8, 17 and 31 gals of beer at 2,50 Euro = 140 Euro. So he had the 19 gals barrel left, which was worth 47,50 Euro or 95 Euro according to whether it contained beer or wine.

American election

With the upcoming US presidential elections in mind here is a nice opportunity for us econometricians to show the American people an example of how a fair count of the votes is performed. This time there are not two but four candidates to become president of the United States. A total of 5,219 votes were cast and the winner exceeded his opponents by 22, 30 and 73 votes. How many votes did they all receive?

A Chinese switch-word puzzle



Not only numbers inflict a great challenge to econometricians, but also words are quite challenging as this puzzle demonstrates. There is supposed to be a letter placed upon each of the twelve movable blocks in the picture above, which reading from top downward spell a correct word. Can you find a word, which by sliding the blocks into the horizontal groove makes the same word from left to right? Although this puzzle is originally Chinese, answers to it are preferred in English or Dutch.

Solutions

Solutions to the two puzzles above can be submitted up to December 1st. You can hand them in at the VSAE room; C6.06, mail them to info@vsae.nl or send them to VSAE, for the attention of Aenorm puzzle 59, Roetersstraat 11, 1018 WB Amsterdam, Holland. Among the correct submissions, one book token will be won. Solutions can be both in English as in Dutch.