



# Young Tyros Newsletter

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Zanac

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Prenuptial in Ciphertext

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## Welcome New Solvers to Our Mailing List

We welcome new solvers, REBUS and Dan Smith to our Cm Solvers List and Young Tyros Newsletter Mailing List.

## Zanac Cryptarithm Gemstone in Limerick Form (First two digit subtraction in a Square Root)

About the 'Rithm square roots that I wrote,  
If there is one feature a tyro should note,  
If the first remainder has two digits remaining,  
The first digit will have no need of straining  
To be 'one' - for that's always the vote.

**If the first subtraction remainder in a Square Root has two digits, the first digit (letter) will = 1.**

The most recent example is the MA X- Sp-1 Latin Square Root which is:

<u>U</u> (8)	(First Root)
1 GA (76)	
<u>AI</u> (64)	
ON (12)	(First digit of the remainder, O = 1.)

## MA Aristocrat Ciphers – “the” & “that” occurrences

A-1 (the-4.), A-2 (the-1, that-1), A-3 (the-2, that-1), A-4 (the-1), A-5 (the-2), A-10 (the-1), A-11 (the-2), A-12 (the-1), A-13 (the-3), A-14 (the-1), A-15 (the-1), A-16 (the-1), A-17 (the-1), A-20 (the-1), A-22 (the-5)

Zanac points out “the” trifecta in A’s 10, 11, 12, in a common position. Also, watch for “t” lead into two letter “to.” Also, A-11, “the” lead into “what, -ight” and A-12, “the” lead into “to, with, it, is”

## MA Patristocrat Ciphers – “the” & “that” occurrences

P-1 (the-3), P-2 (the-2), P-3 (the-1, that-1), P-4 (the-3), P-6 (the-3), P-7 (the-1), P-8 (the-1), P-9 (the-1), P-10 (the-1)  
P-Sp-2(the-1) (Perhaps opening plaintext “Vague” will help you spot it.

## MA Aristocrats opening plaintext

A-19 – Pickled, A-20 – Zoot suit, A-24 – Marvelous

**MA, A-25. Seashore concert. PARROT (Thank you FIZZY)**

This one caused your editor a few sleepless nights until FIZZY related the second plaintext word, “crwth,” a Welsh name for an ancient Celtic instrument which is a member of the lyre family.

**MA, P-11. Beyond. TWEETY**

Look for the fit of the repeating plaintext trigraph, “art.”

**MA, E-8 Redefence. Murphy’s Postal Corollary. (5) (travel) CERE E US**

Five rails is given. No offset. Crib appears early in plaintext.

**MA, E-9 Null. Three Keys to Happiness. (and) CONFUOCO**

The crib “and” lines up nicely in the third, fourth and fifth letter positions in ciphertext words 9, 10 and 11.

**MA, E-16 Unknown. Searching (untamed) CONFUOCO (Analyst: GGMA)**

The index of coincidence for this con is .056, the percentage of vowels is 36%, LNRST another 31% and JQXZ are not present. This sure looks like a transposition Cipher. Further more, the con is exactly 150 letters long, a multiple of 25, a requirement for Cadenus ciphers. I tried to solve it that way – and it worked!

Note: The length of this con is nicely ambiguous. This could fit into 6, 5x5 squares, qualifying it as a Complete or Nihilist Transposition, or fill a rectangle of 6 x 25 or 5 x 30, for a possible Swagman.

**MA, C-8 Sudoku. (Two words.) APEX DX**

Look for the solution in row six, with April 15 in mind

**MJ, Patristocrat Specials. (Thank you, quick solver, FIZZY.)**

P-Sp-1 – Begins, “Paucity of” P-Sp-2 – Ends, “blue denim.”

**MJ, E-2. Variant. Man vs. Machine. (working) DANEEL**

This Period Eleven cipher refers to the inhumanity of a computer.

**MJ, AC-891 ??? High Jump (116) LIONEL**

For you advanced Young Tyros solvers, this one is an Amsco which will work with the crib “accelerate.”

**Thank you, ARTEMIS & MICROPOD, for your generous funding of our May and June Newsletters.**

Sunny Ciphering, LIONEL

cc: ACA Executive Board