

**Problem No. 3 (20 Points):**

**Bariai**

Consider the **unordered** squares of the numbers from 1 to 10 written out in the Bariai language<sup>1</sup>:

sangaul pange igegea lima ga pange  
sangaul igegea lima ga ede  
buno  
sangalima sangaul ede igegea pange  
pange  
sangaul rua igegea lima  
sangaul tol igegea lima ga ede  
ede  
lima ga pange  
sangalima sangaul tol igegea ede

Assignment 1. Determine the values of all the squares given above.

Assignment 2. Write the following equality in figures:

sangaul pange igegea tol + sangaul igegea pange = sangalima igegea lima ga rua

Assignment 3. Spell out the following numerals in Bariai: 62; 88.

<sup>1</sup> The Bariai language belongs to the Oceanic branch of the Austronesian language family. It is spoken by more than 1300 people living in the western part of New Britain (Papua New Guinea).

- D. Gerasimov

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