

## **Agata Hoffmann**

### **Stanisław Drózdź and mathematics**

As far as teaching practice in mathematics is concerned we use different methods, forms and tools, which enable pupils to better understand both knowledge and abilities. Stanisław Drózdź (1939-2007) was a concrete poet, who in his work used not only words but also art. Poetry, art and mathematics seem to be far from each other, but – when I saw Drózdź`s works I noticed the opportunity to use them as original tools in teaching mathematics. I will show his chosen work and different ways of using them in maths education. Some of them could be used as illustrations of some concepts (for example in early maths education). Others could be starting points in discovering and exploring regularities. There are also some of them, which show us a path leading to mathematical problems.

Stanisław Drózdź whilst creating his concept-shapes used similarity and difference of some situations. Searching for similarities and difference, using analogies and contrast make it also possible to build in pupils` minds mathematical concepts. Drózdź by putting together concept and shape worked in an analogical way to the practice in mathematical education - while defining concept we give them the name and (very often) symbol, and we try to visualize them by giving a “shape”. Using Stanisław Drózdź`s works, it is possible to build another bridge between theory and practice, particularly for pupils to whom maths is not a life-long passion.

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