Innovations in Mathematics Education on European Level

A Systemic Approach

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1. Deficiencies

2. Innovation: Invention and Implementation

3. How to change complex systems

4. Conclusion
Steering complex systems

on the meta-level

analytic-constructive

incremental-evolutionary

on the object level
Innovations in complex systems

on the meta-level

analytic-constructive

incremental-evolutionary

on the object level
4. What should be done?

- aiming at teachers
- very large European programme
- main areas of activity
- aiming at the meta-level
- networks of teachers
- strong leading consortium
- processes take time