

REAL INTERPOLATION, NEAR-MINIMIZERS AND INVERSE PROBLEMS

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I plan to discuss

- a) connections between real interpolation and regularization technique;
- b) importance of constructing near-minimizers for couples of well-known functional spaces;
- c) present construction of near-minimizers for couples of Sobolev spaces.
- d) consider the case of constructing near-minimizers for a limiting exponent in the Sobolev embedding theorem.