

Invertibility of Operators in Interpolation Scales
and an Old Problem by J.-L. Lions

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I plan to discuss how recent results on invertibility of operators in real interpolation spaces can be used to solve a part of the difficult problem of interpolation of closed subspaces. This problem was posed by J.-L. Lions in the beginning of 1970s and remains unsolved in the general case.

The presented results were obtained jointly with Irina Asekritova and Fernando Cobos.