# Stability of Fredholm properties of operators on interpolation scales

Mieczysław Mastyło

Adam Mickiewicz University, Poznań

**Abstract.** We will present an overview of recent results on the stability of Fredholm properties for operators acting between interpolation spaces. A general approach to compatibility theorems is developed, and we demonstrate that these methods apply to scales generated by abstract interpolation functors. A key result states that interpolated isomorphisms satisfy the property of local uniqueness of inverses. These results extend previous findings, in particular strengthening the famous Shneiberg theorem concerning the interpolation of Fredholm operators using Calderón's method.