

EXISTENCE RESULTS FOR INTEGRAL EQUATIONS: SPECTRAL METHODS VS. FIXED POINT THEORY

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Dedicated to Professor Ioan A. Rus on the occasion of his 70th birthday

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Abstract. In this note we compare fixed point methods and methods of nonlinear spectral theory in view of their applicability to nonlinear integral equations of Hammerstein or Uryson type.

Key Words and Phrases: fixed point methods, nonlinear spectral theory, nonlinear integral equations.

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