

Srdečně zveme všechny zájemce na přednášku

On the existence and uniqueness of homoclinic solutions for non-variational discrete problems,

kterou přednese

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Abstract: In this talk, we discuss the existence and uniqueness of homoclinic solutions to discrete boundary value problems involving the p -Laplacian operator, where the nonlinearity depends explicitly on the first-order forward difference operator. Since the problem does not admit a variational structure, standard variational techniques cannot be applied. To address this difficulty, we use the Browder-Minty theorem, which provides the main tool for establishing our results.

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