Cazacu, Cristian
The method of super-solutions in Hardy and Rellich type inequalities in the $L^2$ setting: an overview of well-known results and short proofs. (English) Zbl 07523910
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MSC:
35A23 Inequalities applied to PDEs involving derivatives, differential and integral operators, or integrals
35R45 Partial differential inequalities and systems of partial differential inequalities
35Q40 PDEs in connection with quantum mechanics
35B09 Positive solutions to PDEs
34A40 Differential inequalities involving functions of a single real variable
34K38 Functional-differential inequalities

Keywords:
Hardy inequalities; Rellich inequalities; optimal constants; supersolutions