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Regularity and coregularity in quasi-algebraic spaces. (English) Zbl 0704.58009
Demonstr. Math. 22, No. 2, 285-291 (1989).

This is a study of the concepts of (weak) regularity and (weak) coregularity of mappings [*W. Waliszewski*, Ann. Pol. Math. 30, 263- 281 (1975; [Zbl 0309.58004](#))] in the category of quasi-algebraic spaces [*W. Waliszewski*, Zesz. Nauk. Akad. Gór.-Hutn. Stanislaw Staszica 935, Mat. Fiz. Chem. 57, 271-282 (1984; [Zbl 0575.58001](#))].

Reviewer: [D.Repovš](#)

MSC:

[58C99](#) Calculus on manifolds; nonlinear operators
[14A20](#) Generalizations (algebraic spaces, stacks)
[58A99](#) General theory of differentiable manifolds

Keywords:

quasi-algebraic space; regularity; coregularity

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