





## SINGULARITIES OF PARAMETRIC OPTIMIZATION AND THEIR APPLICATIONS

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Many models and processes depend on parameter. When we optimize them with respect to some objective function one needs to find values of the parameter, which provide the maximum (minimum) of the function. Thus the result is the function of the parameter.

The talk is devoted to classification of generic singularities of smooth extremal problems with constraints in equality form and applications of such singularities.

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