On Systems of Quasivariational Inclusion Problems of Type I and Related Problems

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Abstract: The systems of quasivariational inclusion problems are introduced and sufficient conditions on the existence of their solutions are shown. As special cases, we obtain several new results on the existence of solutions of quasivariational inclusion problems, general vector ideal (proper, Pareto, weak) quasi-optimization problems, quasivariational inequalities, and vector quasi-equilibrium problems etc.

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