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Sufficiency for minimax fractional programming with generalized invexity

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Abstract - For minimax fractional programming problems of variational type convexity assumptions are relaxed to those of generalized ρ -invexity assumptions. Sufficient optimality conditions are established under ρ -invexity, ρ -pseudoinvexity, ρ -quasiinvexity and ρ -strictly pseudoinvexity assumptions.

Key words and phrases : fractional programming, ρ -invexity, generalized ρ -invexity, necessary conditions, sufficient optimality conditions.

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