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A Class of Invariants for Lagrange Spaces with (α, β) -metrics

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Abstract - One study a straightforward extension of the notion of Finsler space with (α, β) -metric ([2]), introducing the notion of Lagrange spaces with (α, β) -metric. The main results concern the new invariants of these spaces, the particular class of spaces for which some invariants have particular values and the determination of the fundamental tensor field and its contravariant.

Key words and phrases : Lagrange spaces, (α, β) -metrics

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