

## HERMITE–HADAMARD INEQUALITY FOR POINT–WISE CONVEX MAPS AND LEGENDRE–FENCHEL CONJUGATION

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*Abstract.* In the present paper, Hermite-Hadamard inequality for point-wise convex maps is given. Jensen type inequality for the Legendre-Fenchel conjugation is also established. Applications are given to the case of quadratic functionals and positive operators.

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