

A short story on the ellipticity of the Stein-Weiss gradients

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Abstrakt

The main thesis of some three publications will be presented in a historical context.

References

- [1] J. Kalina, A. Pierzchalski, P. Walczak, *Only one of the generalized gradients can be elliptic* Ann. Polon. Math. 67 (1997) 111–120.
- [2] J. Kalina, B. Ørsted, A. Pierzchalski, P. Walczak, G. Zhang. *Elliptic gradients and highest weights*, Bull. Polon. Acad. Sci. Ser. Math. 44 (1996), 511–519.
- [3] T. Branson *Stein Weiss operators and ellipticity* J. Funct. Anal 151 (1997), 334—383.