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On a conjecture of Kashiwara relating Chern and Euler classes of \mathcal{O} -modules.

(English summary)

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In the present paper the author proves that the Euler class of a coherent analytic sheaf \mathcal{F} on a complex manifold X is the product of the Chern character of \mathcal{F} with the Todd class of X . As a corollary, the author gives a nice functorial proof of the Grothendieck–Riemann–Roch theorem in Hodge cohomology for complex manifolds. *Cristian Ida*

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