

- MATHIEU HOYRUP, CRISTOBAL ROJAS, KLAUS WEIHRAUCH, *Computability of the Radon-Nikodym derivative*.
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We show that computability of the Radon-Nikodym derivative of a measure absolutely continuous w.r.t. some other measure can be reduced to a single application of the non-computable operator EC, which transforms enumeration of sets (in \mathbb{N}) to their characteristic functions. We also give a condition on the two measures (in terms of the computability of the norm of a certain linear operator involving the two measures) which is sufficient to compute the derivative.