

McDowell, Eric L. "A Numerical Introduction to Partial Fractions." *The College Mathematics Journal*, 33 (2002), pp. 400-403.

Introductory Paragraph. This article introduces a numerical analogue to partial fraction decomposition. The reasons explaining why the numerical process works are different from those behind the algebraic procedure. (See page 150 of [1] for a sketch of a proof of the algebraic theorem.) However, the analogue is so similar – and so much more intuitive – that most students come away from it better equipped to face partial fraction decomposition with confidence and authority.