Bibliography for the history of the Jacobian

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Dieudonné chapters II and III [7]
Bashmakova and Rudakov [2, p. 82]
Koenigsberger [16, pp. 173, 270, 342, 344, 401]
Hairer [12, p. 66]

References

[1] Francine F. Abeles, *Nineteenth century roots of quasideterminants*, Linear Algebra Appl. **435** (2011), no. 5, 1019–1024.

[2] I. G. Bashmakova and A. N. Rudakov, *Algebra and algebraic number theory*, Mathematics of the 19th century, volume 1 (A. N. Kolmogorov and A. P. Yushkevich, eds.), Birkhäuser, 2001, pp. 35–136.

[3] Richard A. Brualdi and Hans Schneider, *Determinantal identities: Gauss, Schur, Cauchy, Sylvester, Kronecker, Jacobi, Binet, Laplace, Muir, and Cayley*, Linear Algebra Appl. **52–53** (1983), 769–791.

[4] A. Clebsch (ed.), *C. G. J. Jacobi's Vorlesungen über Dynamik*, second ed., G. Reimer, Berlin, 1884.

[5] Julian Lowell Coolidge, *A history of geometrical methods*, Dover Publications, 1963.

[6] Michael J. Crowe, *A history of vector analysis: The evolution of the idea of a vectorial system*, Dover Publications, 2011.

[7] Jean Dieudonné (ed.), *Abrégé d'histoire des mathématiques 1700–1900, tome i*, Hermann, Paris, 1978.

[8] J. L. Dorier, *A general outline of the genesis of vector space theory*, Historia Math. **22** (1995), no. 3, 227–261.

[9] Jürgen Elstrodt, *Maß- und Integrationstheorie*, sixth ed., Springer, 2009.

[10] Desmond Fearnley-Sander, *Hermann Grassmann and the creation of linear algebra*, Amer. Math. Monthly **86** (1979), no. 10, 809–817.

[11] Hermann Grassmann, *Extension theory*, History of Mathematics, vol. 19, American Mathematical Society, 2000, Translated from the German by Lloyd Kannenberg.

[12] Ernst Hairer, Syvert P. Nørsett, and Gerhard Wanner, *Solving ordinary differential equations I: Nonstiff problems*, second ed., Springer, 2008.

[13] Thomas Hawkins, *Emergence of the theory of Lie groups: An essay in the history of mathematics 1869–1926*, Sources and Studies in the History of Mathematics and Physical Sciences, Springer, 2000.

[14] C. G. J. Jacobi, *Ueber die Functionaldeterminanten*, Ostwald's Klassiker der exakten Wissenschaften, no. 78, Wilhelm Engelmann, Leipzig, 1896.

[15] Eberhard Knobloch, *Determinants*, Companion Encyclopedia of the History and Philosophy of the Mathematical Sciences (I. Grattan-Guinness, ed.), vol. 1, Routledge, 1994, pp. 766–774.

[16] Leo Koenigsberger, *Carl Gustav Jacobi Jacobi*, B. G. Teubner, Leipzig, 1904.

[17] Kenneth O. May, *Derivatives of determinants and other multilinear functions*, Math. Mag. **38** (1965), no. 5, 307–308.

[18] V. V. Prasolov, *Problems and theorems in linear algebra*, Translations of Mathematical Monographs, vol. 134, American Mathematical Society, 1994, Translated from the Russian by D. A. Leites.

[19] G. B. Price, *Some identities in the theory of determinants*, Amer. Math. Monthly **54** (1947), no. 2, 75–90.

[20] John G. Ratcliffe, *Foundations of hyperbolic manifolds*, second ed., Graduate Texts in Mathematics, vol. 149, Springer, 2006.