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G. DOETSCH. — **Einführung in Theorie und Anwendung der Laplace-Transformation.** — 2. Auflage. Ein Lehrbuch für Studierende der Mathematik, Physik und Ingenieurwissenschaft. — Mathematische Reihe, Band 24. — Relié, $17 \times 24,5$, de 351 pages, avec 51 figures. — Birkhäuser Verlag, Basel/Stuttgart, 1970.

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Bestimmung der Originalfunktion durch Reihenentwicklung der Bildfunktion. — Die Parsevalsche Gleichung der Fourier- und der Laplace-Transformation: die Abbildung des Produkts. — Der Begriff der asymptotischen Darstellung und Entwicklung. — Asymptotisches Verhalten der Bildfunktion im Unendlichen. — Asymptotisches Verhalten der Originalfunktion im Unendlichen. — Gewöhnliche Differentialgleichungen mit Polynomkoeffizienten. — Partielle Differentialgleichungen. — Integralgleichungen. — Anhang: Einige Begriffe und Sätze der Distributionstheorie.

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