# Literatur

## 1.　Mathematical Physics und Green's Functions

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1.2　A.Sommerfeld: Vorlesungen über Theoretische Physik, Bd.VI, Partielle Differentialgleichungen der Physik, §§ 10-12,23,27-30, Kap.V (Anhang I-III).

1.4　R.Courant, D.Hilbert: Methods of Mathematical Physics, Vols.I,II, Interscience 1953, 1962, (abgekürzt CH). (In Deutsch: Springer Verlag, Heidelberger Taschenbücher)
Bd. I, Kap.V, §§ 14,15; Bd. II, Kap. IV, §§ 2-5.

1.5　P.Morse, H.Feshbach: Methods of Theoretical Physics, Vols. I,II, McGraw-Hill, 1953, Chapt.7.

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1.7　I.Stakgold: Green's Functions and Boundary Value Problems, Wiley Interscience, 1979.

1.8　F.Cap: Wie löst man Randwertprobleme in Physik und Technik, De Gruyter, 1993.

1.9　L.B.Felsen, N.Marcuvitz: Radiation and Scattering of Waves, Prentice-Hall, Inc., Englewood Cliffs, New Jersey

1.10　Chen-to Tai: Dyadic Green's Functions in Electromagnetic Theory, Intext Educational Publishers, 1971. 2 nd ed..

1.11　R.E.Collin: Field Theory of Guided Waves, McGraw-Hill Book Co., New York, 2nd ed. 1991.

Spezielle Bücher und Zeitschriftenartikel werden am Ende der jeweiligen Kapitel des Skriptums angegeben.

## 2. Handbooks of Orthogonal Curvilinear Coordinate Systems and of Mathematical Functions

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Paperback. Cambridge University Press, 2010.

2.4    P.H.  Moon, D.E. Spencer:  Field Theory Handbook.
Paperback.  Springer 1988.

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Boston Technical Publishers. 1965

## 3.    Fourierreihen und orthogonale Funktionensysteme

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3.3    F.G.Tricomi: Vorlesungen über Orthogonalreihen, Springer Verlag, 1955.

3.4    J.R.Higgins: Completeness and Basis Properties of Sets of Special Functions, Cambridge University Press. 1972,  2004.

3.5    H.Dym, H.P.McKean: Fourier Series and Integrals, Academic Press, 1972.