

Bibliography

- [FDS] Noll, W., *Finite-Dimensional Spaces : Algebra, Geometry, and Analysis*, Volume 1, Martinus Nijhoff Publishers, 1987; Volume 2 to be published; a preliminary version of chapters 1, 3 and 5 are available in the form of lecture notes.
- [B-W] Bowen Ray M., Wang C. -C., *Introduction to Vectors and Tensors*, Volumes 1 & 2, Plenum Press, 1976.
- [CH] Cartan, Henri, *Differential Forms*, Hermann, Paris, 1970.
- [C-P] Crampin, M. and Pirani, F.A.E., *Applicable Differential Geometry*, Cambridge University Press, 1986.
- [CS] Chiou, S.-M., *Theory of Connections*, Ph.D thesis, Carnegie Mellon University, 1992.
- [E-M] Eilenberg Samuel and MacLane Saunders, *General Theory of Natural Equivalences*, Mathematics Society, September 1945.
- [F-C] de Felice F. and Clarke C. J. S., *Relativity on Curved Manifolds*, Cambridge University Press, 1990.
- [F-K] Flaschel, P., and Klingenberg, W., *Riemannsche Hilbert-Mannigfaltigkeiten*, Lecture Notes in Mathematics, Volume 282, Springer Verlag, 1972.
- [Kl] Klingenberg, W., *Riemannian Geometry*, Walter de Gruyter, 1982.
- [K-N] Kobayashi, S., and Nomizu, K., *Foundations of Differential Geometry*, Volume 1, Wiley Interscience, 1963.
- [L] Lang, Serge, *Differential Manifolds*, Springer-Verlag, 1985.
- [M-T-W] Misner, C.W., Thorne, K.S., and Wheeler, J.A., *Gravitation*, Freeman, 1973
- [N1] Noll, W., *Differentiable Manifolds*, Lecture notes, 1984.
- [N2] Noll, W., *On Tensor Functors*, Report, Mathematics Department, Carnegie Mellon University, 1992.
- [N3] Noll, W., *Foundations of Abstract Differential Geometry*, handwritten notes, 1974.
- [P] Poor, W., *Differential Geometric Structures*, McGraw Hill, 1981.
- [Sp] Spivak, M., *Comprehensive Introduction to Differential Geometry*, Volumes 1 and 2, Publish or Perish, 1970.

- [Sa] Saunders, D.J., *The Geometry of Jet Bundles*, Cambridge University Press, 1989.
- [W] Westenholz, C. von, *Differential Forms in Mathematical Physics*, 2.nd edition, Part V, North-Holland, 1981.