

REFERENCES

- Adams, J.A.S., and Gaspirini, P., 1970. Gamma ray spectrometry of rocks. *Meth. Geochem. Geophys.*, 10, Elsevier.
- Adams, J.A., and Weaver, C.E., 1958. Thorium to uranium ratios as indicators of sedimentary processes; example of concept of geochemical facies. *Bull. Am. Assoc. Pet. Geol.*, 42.
- ASTM, 1985. Standard method for computing the colors of objects by using the CIE system. *ASTM Publication*, E 308.
- ASTM, 1985. Standard method for calculation of color differences from instrumentally measured color coordinates. *ASTM Publication*, D 2244.
- ASTM, 1987a. Standard test method for laboratory miniature vane shear test for saturated fine-grained clayey soil. *Annual Book of ASTM Standards*, ?.
- ASTM, 1987b. Standard test method for determination of water (moisture) content of soil by the microwave oven method. *Annual Book of ASTM Standards*, D 4643-87.
- ASTM, 1990. Standard method for laboratory determination of water (moisture) content of soil and rock. *Annual Book of ASTM Standards*, D 2216-90 (revision of 2216-63, 2216-80).
- ASTM, 1993. Standard test method for determination of thermal conductivity of soil and soft rock by thermal needle probe procedure. *Annual Book of ASTM Standards*, Vol. 04.08, Publication D 5334-92.
- Balsam, W.L., and Deaton, B.C., 1991. Sediment dispersal in the Atlantic Ocean: evaluation by visible light spectra. *Rev. Aquatic Sci.*, 4: 411–447.
- Balsam, W.L., and Deaton, B.C., 1996. Determining the composition of late Quaternary marine sediments from NUV, VIS, and NIR diffuse reflectance spectra. *Marine Geology*, 134, 31-55.
- Balsam, W.L., and Otto-Bliesner, B., 1995. Modern and last glacial maximum eolian sedimentation patterns in the Atlantic Ocean interpreted from sediment iron oxide content. *Paleoceanography*, 10: 493–507.
- Balsam, W.L., and Wolhart, R., 1993. Sediment dispersal in the Argentine Basin: evidence from visible light spectra. *Deep-Sea Res.*, 40: 1001–1031.
- Balsam, W.L., Damuth, J.E., and Schneider, R.R., 1997. Comparison of shipboard vs. shore-based spectral data from Amazon-Fan cores: implications for interpreting sediment composition. In Flood, R.D., Piper, D.J.W., Klaus, A., and Peterson, L.C. (Eds.), *Proc. ODP, Sci. Results*, 155: College Station, TX (Ocean Drilling Program), ?-?.

- Belknap, W.B., Dewan, J.T., Kirkpatrick, C.V., Mott, W.E., Pearson, A.J., and Rabson, W.R., 1959. API calibration facility for nuclear logs. *Drill. and Prod. Prac.*, ?
- Blackwell, J.H., 1954. A transient-flow method for determination of thermal constants of insulating materials in bulk, Part I—theory. *J. Appl. Phys.*, 25: 137–144.
- Blum, P., Allan, J., Coyne, J., Hagelberg, T., MacLeod, C., Mato, C., deMenocal, P., Merrill, R., Mithal, R., Rhinehart, B., Weaver, P., Wilkens, R., and Coarser, G., 1995. Depth data acquisition, processing and archiving in the Ocean Drilling Program. *Results and recommendations from the ODP/TAMU Depth Workshop*.
- Blum, P., Rabaute, A., Gaudon, P., and Allan, J.F., 1997. Analysis of natural gamma ray spectra obtained from sediment cores with the shipboard scintillation detector of the Ocean Drilling Program: Example from Leg 156. In Shipley, T.H., Ogawa, Y., Blum, P. and Bahr, J.M. (Eds.), *Proc. ODP, Sci. Results*, 156: College Station, TX (Ocean Drilling Program), ?-?.
- Burns, R.G., 1970. *Mineralogical Applications of Crystal Field Theory*: Cambridge (Cambridge University Press).
- Carlsaw, H.S., and Jaeger, J.C., 1959. *Conduction of Heat in Solids*: Oxford (Oxford University Press).
- Commission Internationale d'Eclairage (CIE), 1986. *CIE Colorimetry* (2nd ed.), Publication 15.2.
- CGPM, 1960. 11th Conférence Générale des Poids et Mesure.
- CGPM, 1971. 14th Conférence Générale des Poids et Mesure.
- Deaton, B.C., and Balsam, W.L., 1991. Visible spectroscopy—a rapid method for determining hematite and goethite concentration in geological materials. *J. Sediment. Petr.*, 61: 628–632.
- De Vries, D.A., and Peck, A.J., 1958. On the cylindrical probe method of measuring thermal conductivity with special reference to soils. *Australian J. Phys.*, 11: 255–271.
- DIN, 1980. Farbmessung; Farbmazzahlen. *Publication*, 5033: part 3.
- Erbas, K., 1985. Bestimmung der Wärmeleitfähigkeit von Festkörpern mit einer Halbraum-Linienquellen-Apparatur [MS? thesis]. Institute für Angewandte Geophysik, Technische Universität Berlin.
- Evans, 1965. GRAPE—A device for continuous determination of material density and porosity. *SPWLA, 6th Ann. Symposium*, 2: 25.
- Evans, H.B., and Lucia, J.A., 1970. Natural gamma radiation scanner. In Peterson, M.N.A., Edgar, N.T., et al., *Init. Repts. DSDP*, 2: Washington (U.S. Govt. Printing Office), 458–460.

- Gaffey, S.J., 1986. Spectral reflectance of carbonate minerals in the visible and near-infrared (0.35–2.55 microns): calcite, aragonite, and dolomite. *American Mineralogist*, 71: 151–162.
- Harms, J.C. and Choquette, P.W., 1965. Geologic evaluation of a gamma-ray porosity device. 6th Annual SPWLA Logging Symp., Dallas, Texas, C1-C37
- Holtz, R.D., and Kovacs, W.D., 1981. *Geotechnical engineering: where?* (Prentice Hall).
- ISO, 1984. Paints and varnishes—Colorimetry—Part 1: principles. *Publication*, 7724/1.
- Jumikis, A.R., 1966. *Thermal Soil Mechanics*: New Brunswick, NJ (Rutgers University Press).
- Kristiansen, J.I., 1982. The transient cylindrical probe method for determination of thermal parameters of earth materials [Ph.D. diss.]. *Geoskrifter*, 18, Dept. of Geology, Aaehus University.
- Lambe, T.W., and Whitman, R.V., 1979. *Soil Mechanics (SI version)*: New York (John Wiley).
- Lyman, J., and Fleming, R.H., 1940. Composition of seawater. *J. Marine Res.*, 3: 134–146.
- Mesri, G., 1975. New design procedure for stability of soft clays. Discussion. *ASCE Journal of the Geotech. Eng. Div.*, 101, 409-412.
- Mesry, G., 1989. A reevaluation of $s_{u(mob)} = 0.22\sigma'_p$ using laboratory shear tests. *Can. Geotech. J.*, 26, 162-164.
- Millero, F.J., and Poisson, A., 1981. Internationalone-atmosphere equation of state of seawater. *Deep-Sea Research*, 28A: 625–629.
- Millero, F.J., Chen, C.-T., Bradshaw, A., and Schleicher, K., 1980. *Deep-Sea Research*, 27A: 255–264.
- Nagao, S., and Nakashima, S., 1991. A convenient method of color measurement of marine sediments by colorimetry. *Geochemical Journal*, 25: 187–197.
- Nagao, S., and Nakashima, S., 1992. The factors controlling vertical color variations of North Atlantic Madeira Abyssal Plain sediments. *Marine Geology*, 109: 83–94.
- Nakashima, S., Miyagi, I., Nakata, E., Sasaki, H., Nittono, S., Hirano, T., Sato, T., and Hayashi, H., 1992. Color measurement of some natural and synthetic materials—I. *Rep. Res. Inst. Natural Resources*, Mining College, Akita Univ., 57: 57–76.
- Serra, O., 1984. *Fundamentals of Well Log Interpretation*: Amsterdam (Elsevier).
- Sverdrup, H.U., Johnson, M.W., and Fleming, R.H., 1942. *The Oceans: Their Physics, Chemistry, and General Biology: where?* (Prentice Hall, Inc.).

- Thompson, R., and Oldfield, F., 1986. *Environmental Magnetism: where?* (Allen and Unwin).
- Tittman, J, and Wahl, J.S., 1965. The physical foundations of formation density logging (gamma-gamma). *Geophysics*, 30: 284–294.
- Vacquier, V., 1985. The measurement of thermal conductivity of solids with a transient linear heat source on the plane surface of a poorly conducting body. *Earth and Plan. Sci. Letters*, 74: 275–279.
- Von Herzen, R., and Maxwell, E.A. (1959). The measurement of thermal conductivity of deep sea sediments by a needle probe method. *J. Geophys. Res.*, 64: 1557–1563.
- Weast, R.C., Astle, M.J., and Beyer, W.H., 1985. *CRC Handbook of Chemistry and Physics*: Boca Raton, FL (CRC Press).