DAFTAR PUSTAKA

Asif H. M., Akram M., Saeed T., Khan M I., Akhtar N, Rehman R., Shah M A., Ahmed K., dan Shaheen G. 2011. Carbohydrates. *International Research Journal of Biochemistry and Bioinformatics.* 1(1) 001-005

Bintang, M. 2010. *Biokimia : Teknik Penelitian*. Jakarta: Erlangga

Bonifazi, G., dan Serranti, S. 2006. Imaging spectroscopy based strategies for ceramic glass contaminants removal in glass recycling. *Waste Management*,.26(6). 627-639.

Budiman, M. S. 2009. Karbohidrat. Modul Kuliah Jurusan Kimia. Bandung: U*niversitas Pendidikan Indonesia.*

Choi, H. 2003. *Advantages of Photodiode Array*. Seoul: Oita University,.

de Oliveira, H. J. S., de Almeida Jr, P. L., Sampaio, B. A., Fernandes, J. P. A., Pessoa-Neto, O. D., de Lima, E. A., dan de Almeida, L. F. 2017. A handheld smartphone-controlled spectrophotometer based on hue to wavelength conversion for molecular absorption and emission measurements. *Sensors and Actuators B: Chemical.* 238. 1084-1091.

Dixit, Y., Casado-Gavalda, M. P., Cama-Moncunill, R., Cama-Moncunill, X., Markiewicz-Keszycka, M., Jacoby, F., ... dan Sullivan, C. 2018. Introduction to laser induced breakdown spectroscopy imaging in food: Salt diffusion in meat. *Journal of Food Engineering*. 216, 120-124.

Feirera T. dan Rasband W. 2012. *Revised Eddition ImageJ User Guide*, Maryland: National Institutes Of Health Bethesda

Fujiwara, H. 2007. *Spectroscopic Ellipsometry Principles and Applications*. John Wiley dan Sons, Ltd.

Gat, N. 2000. Imaging spectroscopy using tunable filters: a review. *In Wavelet Applications VII*. International Society for Optics and Photonics. 4056. 50-65.

Goltz, D., Attas, M., Cloutis, E., Young, G., dan Begin, P., 2009. Visible (420-720 nm) Hyperspectral Imaging Techniques to Assess Inks in Historical Documents. Restaurator-*International Journal for the Preservation of Library and Archival Material*. 30. 199–221

Gore, M. G. (Ed.). 2000. *Spectrophotometry and spectrofluorimetry: a practical approach*. University of Hawaii Press.

Guenther, B. D. 2015. *Modern optics*. OUP Oxford.

Hussain, Z. dan Sadozah, S. K. 2012. A novel spectrophotometric method for the trace analiysis of glucose. *Journal of Pharmacy Reseach 2011*. 4(12). 4731-4733.

Hofmann, A. 2010. *Principles and Techniques of Biochemistry and Molecular Biology. Cambridge University Press*

Ibrahim, M., Alaam, M., El-Haes, H., Jalbout, A. F., dan Leon, A. D. 2006. Analysis of the structure and vibrational spectra of glucose and fructose. *Ecletica quimica*. 31(3). 15-21.

Kadir, A. 2013. *Dasar Pengolahan Citra dengan DELPHI*. Yogyakarta : Andi Offset.

Kim, M. H., Harvey, T. A., Kittle, D. S., Rushmeier, H., Dorsey, J., Prum, R. O., dan Brady, D. J. 2012. 3D imaging spectroscopy for measuring hyperspectral patterns on solid objects. *ACM Transactions on Graphics (TOG).* 31(4). 38.

Kusumanto, RD. dan Tompunu Alan N. 2011. Pengolahan Citra Digital untuk Mendeteksi Obyek menggunakan Pengolahan Warna Model Normalisasi RGB. *Seminar Nasional Teknologi Informasi & Komunikasi Terapan 2011*

Lafontaine, M., Bockaj, Z., Freund, M., Vieth, K. U., Negara, C., dan Langle, T. 2015. Non-destructive determination of grape berry sugar concentration using visible/near infrared imaging and possible impact on wine quality. *Technisches Messen*. 82. 633–642.

Liñero, O., Cidad, M., Arana, G., Nguyen, C., dan de Diego, A. 2017. The use of a standard digital camera as an inexpensive, portable, fast and non-destructive analytical tool to measure colour: Estimation of the ripening stage of tomatoes (Solanum lycopersicum) as a case study. *Microchemical Journal*. 134, 284-288.

Louk, A.C., Setiawan, A., dan Ferdy, S.R. 2006. Penggunaan CCD Kamera Komersial sebagai Detektor pada Spektroskopi Cahaya Tampak. *Prosiding Seminar Pembelajaran IPA yang menarik dan Menantang.* Universitas Kristen Satya Wacana. 170-173

Nuriyah L., Iswarin S. J., dan Saroja G. 2015. Studi Tentang Pengaruh Konsentrasi Larutan $MnCl_2$ terhadap Intensitas Spektrometer Keping VCD. *Natural B.* (2). 93-87

Owen, T. 2000. *Fundamental of Modern UV visible Spectroscopy*. Germany: Agilent Technologies.

Okonkwo, S., dan Anyika, L. C. Relative Examination of Monosaccharide and Disaccharide Adopting Polarimeter and UV-Visible Spectrophotometer Instruments. *Chemistry and Materials Research.* 6(8). 33-40.

Pan, L., Zhu, Q., Lu, R., dan McGrath, 2015. Determination of sucrose content in sugar beet by portable visible and near-infrared spectroscopy. *Food chemistry*. 167. 264-271.

Priore, R. J., Greer, A. E., Haibach, F. G., Schiza, M. V., Perkins, D. L., dan Myrick, M. L., 2003. Novel Imaging Systems: Multivariate Optical Computing in the UV-VIS, *International Conference on Digital Printing Technologies*. 906–910.

Purwasih M. K. 2015. Pengaruh konsentrasi berbagai larutan gula sakrosa terhadap sudut putar jenis cahaya merah, hijau, dan ungu. *Prosiding Seminar Nasional Fisika (E-Journal) SNF 2015*. 4(5). 39-43.

Rahmani N. S., Nuriyah, L., dan Saroja, G. 2014. Studi Pembuatan Spektrometer DVD untuk Menentukan Relasi Konsentrasi Larutan Gula dengan Intensitas Spektrum. *Brawijaya Physics Student Journal*. *2*(1).

Rediansyah H., Budi S. P., dan Enjang J. M. 2011. Spektroskopi Sederhana menggunakan Keping DVD. *Prosiding Seminar Kontribusi Fisika 2011 (SKF 2011) 1-2 Desember 2011*. Bandung.

Sari M. B., Sanjaya Y., dan Djama M. 2017. Pengembangan Spektrometer Cahaya Tampak Menggunakan LED RGB untuk Menentukan Konsentrasi Glukosa. *Risalah Fisika.* 1(1). 21-27.

Scheer, J. 1987. Programmable tilting filter spectrometer for studying gravity waves in the upper atmosphere. *Applied Optics.* 26(15). 3077–3082.

Schmid, F-X. 2001. Biological Macromolecules: UV-visible Spectrophotometry. *Encyclopedia of Life Sciences.* Macmillan Publishers Ltd, Nature Publishing Group. 1-4

Skoog, D. A., Holler, F. J., dan Crouch, S. R. 2007. *Principles of Experimental Analysis*. Thomson Brooks/Cole: Canada

Sorenson, P. T., Quideau, S. A., dan Rivard, B. 2018. High resolution measurement of soil organic carbon and total nitrogen with laboratory imaging spectroscopy. *Geoderma*. 315. 170-177.

Ustin, S. L., Roberts, D. A., Gamon, J. A., Asner, G. P., dan Green, R. O. 2004. Using imaging spectroscopy to study ecosystem processes and properties. *AIBS Bulletin*. 54(6). 523-534.

Aitkenhead, M., Cameron, C., Gaskin, G., Choisy, B., Coull, M., dan Black, H. 2018. Digital RGB photography and visible-range spectroscopy for soil composition analysis. *Geoderma*. 313. 265-275.

Wang, L. V. dan Wu, H. I. 2012. *Biomedical optics: principles and imaging*. John Wiley & Sons.

Widiatmoko, E., Widayani, Budiman, M., Abdullah, M., dan Khairurrijal, 2011. A simple spectrophotometer using common materials and a digital camera. *Physics Education.* 46. 332–339.

Yang, M. M. dan Youvan, D. C. 1988. Applications of imaging spectroscopy in molecular biology: I. Screening photosynthetic bacteria. *Nature Biotechnology*. 6(8). 939.

Yulianto, A. dan Hatta, A. M.. 2011. Rancang Bangun Spektrometer Menggunakan Prisma dan Webcam. *Tesis.* Institut Teknologi Sepuluh Nopember.