

DAFTAR PUSTAKA

- Arlene, 2019, *Introduction to Radiologic & Imaging Sciences and Patient Care. 6th Edition*, Elsevier Health Sciences.
- Assumus, A., 1995, Early History of X Rays, *Beam Line*, hal. 10–24, Tersedia pada: <http://www.slac.stanford.edu/pubs/beamline/25/2/25-2-assmus.pdf>.
- Bassi, S., Baldini, S., Rebuffat, C., Sarti, R., dan Ferretti, F., 2013, First test on three stitching methods with digital detectors used in radiography, *Radiological Physics and Technology*, 6(1), hal. 187–196, doi: 10.1007/s12194-012-0187-9.
- Bencivelli, W., Bertolucci, E., Bottigli, U., Del Guerra, A., Mazzei, D., Messineo, A., Nelson, W. R., Randaccio, P., Rosso, V., Russo, P., dan Stefanini, A. 1991, Use of EGS4 for the evaluation of the performance of a silicon detector for X-ray digital radiography, *Nuclear Inst. and Methods in Physics Research, A*, 305(3), hal. 574–580, doi: 10.1016/0168-9002(91)90159-n.
- Berg, I., 2008, Looking through pots: recent advances in ceramics X-radiography, *Journal of Archaeological Science*, 35(5), hal. 1177–1188, doi: 10.1016/j.jas.2007.08.006.
- Bushberg, J. T., Seibert, J. A., Leidholdt, E. M., Boone, J. M., dan Goldschmidt, E. J., 2012, *The Essential Physics of Medical Imaging, Medical Physics*, Philadelphia: Lippincott Williams & Wilkins, doi: 10.1118/1.1585033.
- Bushong, S. C., 2016, *Radiologic Science for Technologists: Physics, Biology, and Protection*, 11th ed, Washington: Mosby Company.
- Carroll, Q. B., 2011, *Radiography in the Digital Age: Physics, Exposure, Radiation Biology*, China: Charles C. Thomas.
- Chen, C. Y. dan Klette, R., 1999, Image stitching - Comparisons and new techniques, *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 1689, hal. 615–622, doi: 10.1007/3-540-48375-6_73.
- Fauziyah, S., 2019, *PENGEMBANGAN PHANTOM DAN PENGUJIANNYA PADA SISTEM RADIOGRAFI DIGITAL PHANTOM*, Yogyakarta. Universitas Gajah Mada.
- Fijany, A. dan Diotalevi, F., 2012, A cooperative search algorithm for highly parallel implementation of RANSAC for model estimation on Tiler MIMD architecture, *IEEE Aerospace Conference Proceedings*, doi: 10.1109/AERO.2012.6187227.
- Fischler, M. A. dan Bolles, R. C., 1981, *Random Sample Consensus: A Paradigm for Model Fitting with Applications to Image Analysis and Automated*

- Cartography, Readings in Computer Vision*. Morgan Kaufmann Publishers, Inc, doi: 10.1016/b978-0-08-051581-6.50070-2.
- Fosbinder, R. dan Orth, D., 2012, *Essentials of Radiologic Science*, Philadelphia: Lippincott Williams & Wilkins.
- Gramer, M., Bohlken, W., Lundt, B., Pralow, T., dan Buzug, T. M. 2007, An Algorithm for Automatic Stitching of CR X-ray Images, hal. 193–198, doi: 10.1007/978-3-540-68764-1_32.
- Grieser, T., Baldauf, A. Q. dan Ludwig, K., 2011, Radiation dose reduction in scoliosis patients: Low-dose full-spine radiography with digital flat panel detector and image stitching system, *RoFo Fortschritte auf dem Gebiet der Rontgenstrahlen und der Bildgebenden Verfahren*, 183(7), hal. 645–649, doi: 10.1055/s-0029-1246010.
- Kumar, A., Bandauro, R. S., Rao, B. M., Kulkarni, S., dan Ghatpande, N., 2010, Automatic image alignment and stitching of medical images with seam blending, *World Academy of Science, Engineering and Technology*, 65, hal. 110–115.
- Lowe, D. G., 1999, Object Recognition from Local Scale-Invariant Features, *In Proceedings of the seventh IEEE international conference on computer vision*, 2, hal. 1150–1157, doi: 10.1016/0262-5075(81)90042-7.
- Lowe, D. G., 2004, Distinctive image features from scale-invariant keypoints, *International Journal of Computer Vision*, 60(2), hal. 91–110, doi: 10.1023/B:VISI.0000029664.99615.94.
- Mehta, J. D. dan Bhirud, S. G., 2011, Image stitching techniques, *Thinkquest~2010*, hal. 74–80, doi: 10.1007/978-81-8489-989-4_13.
- Min, Z., Jiguo, Z. dan Xusheng, X., 2012, Panorama Stitching Based on SIFT Algorithm and Levenberg-Marquardt Optimization, *Physics Procedia*, 33, hal. 811–818, doi: 10.1016/j.phpro.2012.05.139.
- Natterer, F. dan Wubbeling, F., 2001, *Mathematical Methods in Image Reconstruction*, Society for Industrial and Applied Mathematics. Philadelphia: Society for Industrial and Applied Mathematics.
- Park, C., Lee, D., Kim, W., Cho, H., Lim, Y., Kim, G., Kang, S., Kim, K., Park, S., Lim, H., Lee, H., Jeon, D., Park, J., Seo, C., dan Lee, M., 2019, Wide Image Stitching Based on Software Exposure Compensation in Digital Radiography, *Journal of the Korean Physical Society*, 74(11), hal. 1067–1072, doi: 10.3938/jkps.74.1067.
- Pina, D. R., Duarte, S. B., Ghilardi N. T., dan Morceli, J., 2009, Phantom development for radiographic image optimization of chest, skull and pelvis examination for nonstandard patient, *Applied Radiation and Isotopes*, 67(1), hal. 61–69, doi: 10.1016/j.apradiso.2008.07.018.

- Plummer, I. R., Porter, H. Q., dan Turner, D. W., 1982, THE PHOTOELECTRIC EFFECT : PHOTOELECTRON SPECTROSCOPY AND MICROSCOPY IN SURFACE STUDIES, *Journal of Molecular Structure*, 79(August), hal. 145–162, doi: 10.1016/0022-2860(82)85044-8.
- Qureshi, H. S., Khan, M. M., Hafiz, R., Cho, Y., dan Cha, J, 2012, Quantitative quality assessment of stitched panoramic images, *IET Image Processing*, 6(9), hal. 1348–1358, doi: 10.1049/iet-ipr.2011.0641.
- Raguram, R., Frahm, J. M. dan Pollefeys, M., 2008, A comparative analysis of RANSAC techniques leading to adaptive real-time random sample consensus, *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 5303 LNCS(PART 2), hal. 500–513, doi: 10.1007/978-3-540-88688-4-37.
- Rahman, I. N. F., Fajar, M. I., Aini, N., Febrianti, R. H., Lestariningsih, I., Gani, M. R.A., Lubis, L. E., dan Soejoko, D. S., 2019, Using in-house quick-QC phantom to characterize computed and direct digital radiography: A preliminary study, *Journal of Physics: Conference Series*, 1248(1), doi: 10.1088/1742-6596/1248/1/012024.
- Samsudin, S., Adwan, S., Arof, H., Mokhtar, N., dan Ibrahim, F., 2013, Development of automated image stitching system for radiographic images,” *Journal of Digital Imaging*, 26(2), hal. 361–370. doi: 10.1007/s10278-012-9483-5.
- Setiyawan, A. dan Basuki, R. S., 2014, Pencocokan Citra Berbasis Scale Invariant Feature Transform (SIFT) menggunakan Arc Cosinus, *Jurnal Teknik Informatika*, hal. 1–4.
- Shi, G., Xu, X. dan Dai, Y., 2013, SIFT feature point matching based on improved RANSAC algorithm,” *Proceedings - 2013 5th International Conference on Intelligent Human-Machine Systems and Cybernetics, IHMSC 2013*, 1(1), hal. 474–477, doi: 10.1109/IHMSC.2013.119.
- Small, J. A., Leigh, S. D., Newbury, D. E., dan Myklebust, Robert L., 1987. Modeling of the bremsstrahlung radiation produced in pure-element targets by 10-40 keV electrons, *Journal of Applied Physics*, 61(2), hal. 459–469, doi: 10.1063/1.338245.
- Supakul, N., Newbrough, K., Cohen, M. D., dan Jennings, S. G., 2012, Diagnostic errors from digital stitching of scoliosis images - the importance of evaluating the source images prior to making a final diagnosis, *Pediatric Radiology*, 42(5), hal. 584–598, doi: 10.1007/s00247-011-2293-y.
- Suparta, G. B., Louk, A. C. dan Wiguna, G. A., 2013, The Use of X-ray Digital Radiography for Earthenware Inspection,” hal. 85001, doi: 10.13140/2.1.1715.1363.
- Vela, J. G., Bhaya, A., Monteiro, A. M. V., Ferreira, L. V., Santos, D., Santos, M.

- L., Bahia, P., dan Tonomura, E., 2011, Digitalization of X-ray films with image stitching, *Radiologia Brasileira*, 44(4), hal. 233–237, doi: 10.1590/s0100-39842011000400008.
- Witkin, A. P., 1984, SCALE-SPACE FILTERING: A New Approach To Multi-Scale Description, *IEEE International Conference on Acoustics, Speech, and Signal Processing*, 9(3), hal. 150–153, doi: 10.1001/jama.1975.03240150017013.
- Yang, F., Yan D., Zhen S., dan Yan, A., 2016, Improvement of automated image stitching system for DR X-ray images, *Computers in Biology and Medicine*, 71, hal. 108–114, doi: 10.1016/j.compbiomed.2016.01.026.
- Zhang, C., Zhao, Z., dan Kong, M., 2020, Huygens' principle may reveal Rayleigh scattering, *Optik*, 206, hal. 163120, doi: 10.1016/j.ijleo.2019.163120.
- Zhang, L., Liu, Z., dan Jiao, J., 2011, An improved RANSAC algorithm using within-class scatter matrix for fast image stitching, *Image Processing: Algorithms and Systems IX*, 7870, hal. 787017, doi: 10.1117/12.876626.