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- [6] Van der Merwe, D. W., & Engelbrecht, A. P. (2003, December). Data clustering using particle swarm optimization. In *The 2003 Congress on Evolutionary Computation, 2003. CEC'03. (Vol. 1, pp. 215-220)*. IEEE.
- [7] Omran, M., Salman, A., & Engelbrecht, A. (2005, November). Dynamic clustering using particle swarm optimization with application in unsupervised image classification. In *Fifth World Enformatika Conference (ICCI 2005), Prague, Czech Republic* (pp. 199-204).
- [8] Feng, D., Wenkang, S., Liangzhou, C., Yong, D., & Zhenfu, Z. (2005). Infrared image segmentation with 2-D maximum entropy method based on particle swarm optimization (PSO). *Pattern Recognition Letters*, 26(5), 597-603.
- [9] Yin, P. Y. (2007). Multilevel minimum cross entropy threshold selection based on particle swarm optimization. *Applied mathematics and computation*, 184(2), 503-513.
- [10] Maitra, M., & Chatterjee, A. (2008). A hybrid cooperative-comprehensive learning based PSO algorithm for image segmentation using multilevel thresholding. *Expert Systems with Applications*, 34(2), 1341-1350.
- [11] Sathya, P. D., & Kayalvizhi, R. (2010). PSO-based Tsallis thresholding selection procedure for image segmentation. *International Journal of Computer Applications*, 5(4), 39-46.
- [12] Mohsen, F., Hadhoud, M. M., Moustafa, K., & Ameen, K. (2012). A new image segmentation method based on particle swarm optimization. *Int. Arab J. Inf. Technol.*, 9(5), 487-493.
- [13] Lee, C. Y., Leou, J. J., & Hsiao, H. H. (2012). Saliency-directed color image segmentation using modified particle swarm optimization. *Signal Processing*, 92(1), 1-18.
- [14] Liu, Y., Mu, C., Kou, W., & Liu, J. (2015). Modified particle swarm optimization-based multilevel thresholding for image segmentation. *Soft computing*, 19(5), 1311-1327.
- [15] Mandal, D., Chatterjee, A., & Maitra, M. (2014). Robust medical image segmentation using particle swarm optimization aided level set based global fitting energy active contour approach. *Engineering Applications of Artificial Intelligence*, 35, 199-214.
- [16] Li, H., He, H., & Wen, Y. (2015). Dynamic particle swarm optimization and K-means clustering algorithm for image segmentation. *Optik*, 126(24), 4817-4822.
- [17] Dhanachandra, N., & Chanu, Y. J. (2020). An image segmentation approach based on fuzzy c-means and dynamic particle swarm optimization algorithm. *Multimedia Tools and Applications*, 1-20.
- [18] Kennedy, J., & Eberhart, R. (1995, November). Particle swarm optimization. In *Proceedings of ICNN'95-International Conference on Neural Networks (Vol. 4, pp. 1942-1948)*. IEEE.
- [19] Li, Y., Bai, X., Jiao, L., & Xue, Y. (2017). Partitioned-cooperative quantum-behaved particle swarm optimization based on multilevel thresholding applied to medical image segmentation. *Applied Soft Computing*, 56, 345-356.
- [20] Pearson, K. (1895). X. Contributions to the mathematical theory of evolution.—II. Skew variation in homogeneous material. *Philosophical Transactions of the Royal Society of London (A.)*, (186), 343-414.
- [21] Kumari R., Gupta N., Kumar N. (2019). Image Segmentation using Improved Genetic Algorithm. *International Journal of Engineering and Advanced Technology*, 9(1), 2249 – 8958
- [22] Kumar, N., & Srivastava, T. (2011). A PSO based approach to image reconstruction from projections. *International Journal of Tomography & Statistics*, 17(S11), 29-38.