- [35] T. Murata, H. Ishibuchi, and H. Tanaka, "Multi-objective genetic algorithm and its applications to flowshop scheduling," Computers & Industrial Engineering, vol. 30, pp. 957-968, 1996.
- [36] M. B. Yildirim and G. Mouzon, "Single-machine sustainable production planning to minimize total energy consumption and total completion time using a multiple objective genetic algorithm," *Engineering Management, IEEE Transactions on*, vol. 59, pp. 585-597, 2012.
- [37] M. A. Gennert and A. L. Yuille, "Determining the optimal weights in multiple objective function optimization," in *ICCV*, 1988, pp. 87-89.

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