















- mining-based framework for the identification of daily electricity usage patterns and anomaly detection in building electricity consumption data. *Energy and Buildings*, 231:110601, 2021.
- [21] Cho, J. and Chun, J. Cost estimating methods for RC structures by quantity takeoff and quantity prediction in the design development stage. *Journal of Asian Architecture and Building Engineering*, 14(1):65-72, 2015.
- [22] Zhang, Q., Liu, Z. and Tan, J. Prediction of geological conditions for a tunnel boring machine using big operational data. *Automation in Construction*, 100:73-83, 2019.
- [23] Petrova, E., Pauwels, P., Svidt, K. and Jensen, R.L. Towards data-driven sustainable design: Decision support based on knowledge discovery in disparate building data. *Architectural Engineering and Design Management*, 15(5):334-356, 2019.
- [24] Marocco, M. and Garofolo, I. Operational text-mining methods for enhancing building maintenance management. *Building Research & Information*, 49(8):893-911, 2021.
- [25] Pan, X., Zhong, B., Wang, X. and Xiang, R. Text mining-based patent analysis of BIM application in construction. *Journal of Civil Engineering and Management*, 27(5):303-315, 2021.
- [26] Zhou, S., Ng, S.T., Lee, S.H., Xu, F.J. and Yang, Y. A domain knowledge incorporated text mining approach for capturing user needs on BIM applications. *Engineering, Construction and Architectural Management*, 27(2):458-482, 2020.
- [27] Hosseini, M.R., Martek, I., Papadonikolaki, E., Sheikhhoshkar, M., Banihashemi, S. and Arashpour, M. Viability of the BIM manager enduring as a distinct role: Association rule mining of job advertisements. *Journal of Construction Engineering and Management*, 144(9):04018085, 2018.
- [28] Huang, C.H. and Hsieh, S.H. Predicting BIM labor cost with random forest and simple linear regression. *Automation in Construction*, 118:103280, 2020.
- [29] Yarmohammadi, S., Pourabolghasem, R. and Castro-Lacouture, D. Mining implicit 3D modeling patterns from unstructured temporal BIM log text data. *Automation in Construction*, 81:17-24, 2017.
- [30] Cheng, J.C., Deng, Y. and Anumba, C. Mapping BIM schema and 3D GIS schema semi-automatically utilizing linguistic and text mining techniques. *Journal of Information Technology in Construction*, 20(14):193-212, 2015.
- [31] Pan, Y., Zhang, L. and Skibniewski, M.J. (2020). Clustering of designers based on building information modeling event logs. *Computer-Aided Civil and Infrastructure Engineering*, 35(7):701-718, 2020.
- [32] Marzouk, M. and Enaba, M. Analyzing project data in BIM with descriptive analytics to improve project performance. *Built Environment Project and Asset Management*, 9(4):476-488, 2019.
- [33] Peng, Y., Lin, J.R., Zhang, J.P. and Hu, Z.Z. A hybrid data mining approach on BIM-based building operation and maintenance. *Building and Environment*, 126:483-495, 2017.
- [34] Shi, Y., Cui, L., Qi, Z., Meng, F. and Chen, Z. Automatic road crack detection using random structured forests. *IEEE Transactions on Intelligent Transportation Systems*, 17(12):3434-3445, 2016.
- [35] Sanchez-Rodriguez, A., Riveiro, B., Soilan, M. and Gonzalez-deSantos, L.M. Automated detection and decomposition of railway tunnels from mobile laser scanning datasets. *Automation in Construction*, 96:171-179, 2018.
- [36] Altaf, M.S., Bouferguene, A., Liu, H., Al-Hussein, M. and Yu, H. Integrated production planning and control system for a panelized home prefabrication facility using simulation and RFID. *Automation in construction*, 85:369-383, 2018.
- [37] Li, J., Jing, L., Zheng, X., Li, P. and Yang, C. Application and outlook of information and intelligence technology for safe and efficient TBM construction. *Tunnelling and Underground Space Technology*, 93:103097, 2019.
- [38] Fan, C., Xiao, F., Madsen, H. and Wang, D. Temporal knowledge discovery in big BAS data for building energy management. *Energy and Buildings*, 109:75-89, 2015.
- [39] Li, H., Aziz, A., Cochran, E. and Lasternas, B. Building automation system alarm management for operation and maintenance decision making. *ASHRAE 2018 Winter Conference*, 2018.
- [40] Brunl, T. (2008). *Embedded robotics: Mobile robot design and applications with embedded systems*. Springer, Berlin, Heidelberg, 2008.
- [41] Liang, C.J., Wang, X., Kamat, V.R. and Menassa, C.C. Human-Robot collaboration in construction: Classification and research trends. *Journal of Construction Engineering and Management*, 147(10):03121006, 2021.
- [42] Mantha, B.R.K. and Garca de Soto, B. Cybersecurity in construction: Where do we stand and how do we get better prepared. *Frontiers in Built Environment*, 7:612668, 2021.
- [43] Yao, D. and Garca de Soto, B. A preliminary SWOT evaluation for the applications of ML to cyber risk analysis in the construction Industry. *In IOP Conference Series: Materials Science and Engineering*, 1218(1):012017, 2022.