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- [8] Kuwabara, T. , "Information Search Device, Program for Search, Method for Updating Database, Database-Updating Device, and Program for Updating Database", PCT Patent Application No. PCT/JP2018/018419, Kanagawa University (applicant), Filed May 11, 2018. (2018)
- [9] Kuwabara, T. , "Data Structure, Information Search Device, Method for Updating Database, Database-Updating Device, and Program for Updating Database", Japan Patent Application No. 2018-090308, Kanagawa University (applicant), Filed May 9, 2018. (2018)
- [10] Kuwabara, T. , "New data structures to reduce data size and search time", Proceedings of FIT2018 (Fukuoka, Japan, Sep. 19–21, 2018). The Institute of Electronics, Information and Communication Engineers, Tokyo, Japan, and Information Processing Society of Japan, Tokyo, Japan, CD-001, No. 2, 1-4. (2018)
- [11] Kuwabara, T., "New Data Structure for Many-to-Many Relations to Reduce Data Size, Recording Time, and Search Time", 2020 9th International Congress on Advanced Applied Informatics, pp355-360, IIAI AAI (2020)