

## **Signal Arrangement Proposal Method Considering Train Headway and Signal Arrangement Condition**

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In order to construct new tracks or to change track arrangements in stations, it is necessary to determine signal positions (signal arrangement) taking train operation and construction costs into consideration. To obtain the signal arrangement that satisfies the desired train operation, it is essential to consider train headway. The signal arrangement is determined based on the experience of persons in charge who have knowledge of signalling system and train operation, and requires a lot of time. In this paper, we propose a signal arrangement proposal method that satisfies required train headway based on the concept of train headway calculation method.