

**Effective Automatic Generation of an Interlocking Table
by Presetting the Uncertainty Elements**

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An interlocking table prescribes movement of an interlocking device, which is different from station to station. It must be prepared precisely, because an accident will be caused if there is an error in the table. We have developed "an interlocking table preparation support system", to reduce the burden of the creator, and to get rid of the error of the interlocking table. Basics of the systematization are to generate automatically an interlocking movement list from a track layout sketch, but it will be difficult to generate the complete interlocking movement list automatically because there are many uncertain elements that are not mentioned in a track layout sketch. In systematization, we clarified these uncertain elements and devised an effective technique to generate the complete interlocking movement list automatically by integrating and presetting these elements.