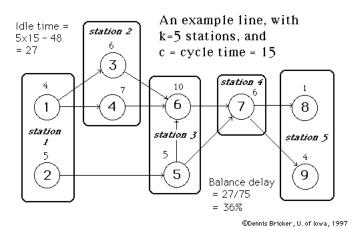


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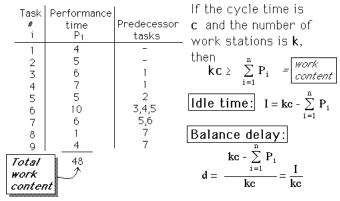
Heuristic Algorithms for Assembly Line Balancing

- 🕼 The Kilbridge & Wester Algorithm
- P The Ranked Positional Weight Method (RPWM)
- ∎ The Reversed RPWM
- COMSOAL
- I Genetic Algorithm

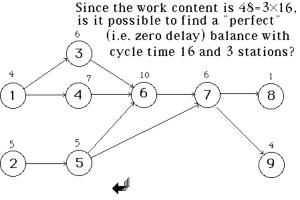


- An assembly line consists of a series of work stations along which a product moves.
- The product remains at each work station an amount of time called **cycle time**. While it is at a work station, one or more **tasks** are performed, each with a known **performance time**.
- Precedence restrictions may be imposed. That is, "task i precedes task j" (i→j) means that task i must be performed at the same or earlier station than j.

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