







Warehousing Design Objective

The goal of warehouse design is to minimize the discounted present value of the costs of establishing and operating the warehouse over some horizon specified by the decision-maker, subject to a number of resource and performance constraints.

Warehousing Systems Design

State-of-the-Art in Warehousing
Design

* Reviews and Bibliography

- Rouwenhorst, Goetschalckx (www)
- * Analysis of Isolated Components
 - Numerous, focussed, uneven
 - Detailed simulation and animation
 - · Clearly suboptimal
 - No impact on the practice of warehousing design

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Warehousing Systems Design

Marc Goetschalckx

Marc Goetschalckx

* No Structured, Integrated Design Methodology No model for warehousing operations No explicit design theory Consulting-University Cooperatives for DSS and Education Twente, Dortmund, Darmstadt, Georgia Tech Warehousing Systems Design Marc Goetschalckx



Warehousing Design and Operations Education Status * Mirrors State-of-the-Art Focussed, uneven, analysis High Demand Bachelors, Graduate, and Professional Few Educational Materials MHI and CICMHE Several books in preparation Warchousing Systems Design



















































