Eco-factories of the future

Deskripsi Lengkap: https://lib.ui.ac.id/detail?id=9999920521664&lokasi=lokal
----
Abstrak

This edited monograph presents a selection of research contributions on eco-factories of the future. The topical focus lies on cutting-edge solutions from academia and industry that enable and support companies in their efforts towards sustainable manufacturing. The authors provide an overview over recent developments, aiming at a comprehensive understanding of eco- and cost-efficient manufacturing from machine to factory level. The solutions contributed by leading research institutions and companies have been mostly implemented and evaluated in industrial pilot projects across Europe. The methodological approaches cover topics such as factory planning, manufacturing simulation, energy management as well as life cycle evaluation. The target audience comprises industry experts and decision makers as well as researchers in the field of sustainable manufacturing.