Record Nr. UNINA9910346933703321 Autore Mbang Sama Achille **Titolo** Holistic integration of product, process and resources integration in the automotive industry using the example of car body design and production: product design, process modeling, IT implementation and potential benefits Pubbl/distr/stampa KIT Scientific Publishing, 2008 **ISBN** 1000008181 Descrizione fisica 1 electronic resource (XVIII, 204 p. p.) Collana Reihe Informationsmanagement im Engineering Karlsruhe / Hrsg.: Universität Karlsruhe (TH), Institut für Informationsmanagement im Ingenieurwesen (IMI) Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Sommario/riassunto To increase competitiveness and sustainability, automotive companies have to formulate new business strategies that improve the intelligence, flexibility and re-configurability of the product creation process. The goal is to introduce platforms in which each product is produced in a highly integrated and cost-efficient process. This thesis proposes a new comprehensive methodology based on intelligent features and template-based modeling using the example of car body modeling and manufacturing.