Record Nr. UNINA9910346931503321 Autore Trifu Adrian Ioan Alexandru Titolo Towards automated restructuring of object oriented systems Pubbl/distr/stampa KIT Scientific Publishing, 2008 1000009204 **ISBN** Descrizione fisica 1 electronic resource (VIII, 176 p. p.) Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto The work introduces a method for diagnosing design flaws in object oriented systems, and finding meaningful refactorings to remove such flaws. The method is based on pairing up a structural pattern that is considered pathological (e.g. a code smell or anti-pattern) with a so called design context. The design context describes the design semantics associated to the pathological structure, and the desired strategic closure for that fragment. The process is tool supported and largely automated.