Record Nr. UNINA9910346923703321 Autore Happe Jens Titolo Predicting software performance in symmetric multi-core and multiprocessor Environments Pubbl/distr/stampa KIT Scientific Publishing, 2009 1000011806 **ISBN** 1 electronic resource (IV, 291 p. p.) Descrizione fisica Collana The Karlsruhe Series on Software Design and Quality / Ed. by Prof. Dr. Ralf Reussner Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia With today's rise of multi-core processors, concurrency becomes a Sommario/riassunto ubiquitous challenge in software development.Performance prediction methods have to reflect the influence of multiprocessing environments on software performance in order to help software architects to find potential performance problems during early development phases. In this thesis, we address the influence of the operating system scheduler on software performance in symmetric multiprocessing environments.