

The dissertation focuses on the authenticity of digitized books in the context of their life cycle (production, preservation, access). First the OIAS high-level conceptual framework for lifecycle management of digital documents maintained by organizations is introduced. Then the current situation of digitized books lifecycle management is described. This part is followed by an introducing to relevant conceptualizations of the authenticity of digital documents and these conceptualizations are analyzed and reviewed. Then framework for analysis of authenticity is established based on previous findings. This framework is then used to identify authenticity requirements for digitized books and to develop a domain-specific conceptualization of the authenticity of digitized books. This conceptualization deploys detailed analysis of risks threatening authenticity during lifecycle management of digitized books. The selected topics of this conceptualization are then the source for the next step, which is to develop a recommended practice for maintaining authenticity of digitized books. This practice is further specified for one partial solution to the problem of maintaining the authenticity of digital documents throughout their life cycle, which is a persistent identification system.