1. Record Nr. UNISA996547972503316

Autore	Kruglov Artem
Titolo	Developing Sustainable and Energy-Efficient Software Systems [[electronic resource] /] / by Artem Kruglov, Giancarlo Succi
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-11658-5
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (86 pages)
Collana	SpringerBriefs in Computer Science, , 2191-5776
Altri autori (Persone)	SucciGiancarlo
Disciplina	005.1
Soggetti	Software engineering Software engineering—Management Software Engineering Software Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This open access book provides information how to choose and collect the appropriate metrics for a software project in an organization. There are several kinds of metrics, based on the analysis of source code and developed for different programming paradigms such as structured programming and object-oriented programming (OOP). This way, the book follows three main objectives: (i) to identify existing and easily-collectible measures, if possible in the early phases of software development, for predicting and modeling both the traditional attributes of software systems and attributes specifically related to their efficient use of resources, and to create new metrics for such purposes; (ii) to describe ways to collect these measures during the entire lifecycle of a system, using minimally-invasive monitoring of design-time processes, and consolidate them into conceptual frameworks able to support model building by using a variety of approaches, including statistics, data mining and computational intelligence; and (iii) to present models and tools to support design time evolution of systems based on design-time measures and to empirically validate them. The book provides researchers and advanced

professionals with methods for understanding the full implications of alternative choices and their relative attractiveness in terms of enhancing system resilience. It also explores the simultaneous use of multiple models that reflect different system interpretations or stakeholder perspectives.

2. Record Nr. UNINA9910404088903321

Autore	Mattiello Silvana
Titolo	Positive Aspects of Animal Welfare
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2020
ISBN	3-03928-533-5
Descrizione fisica	1 online resource (180 p.)
Soggetti	Biology, life sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Comfort during resting, half-closed eyes when feeding on highly palatable feed, or vigorous tail wagging when being brushed are some of the positive indicators that can be used to evaluate the quality of the environment in which domestic animals live. This has been a radical shift from the past as, until now, the welfare assessment on farms has meant assessing negative indicators, namely the number of lame animals, presence of lesions, or frequency of agonistic behaviours. However, the latest research confirms that the absence of a problem or of suffering does not necessarily imply that the animals are experiencing a good life and that their level of welfare is high. To guarantee high welfare standards, animals should experience positive conditions that allow them to live a "life worth living", and positive indicators are needed to identify these conditions. This Special Issue focuses on the development and validation of indicators of positive welfare or on the refinement of the existing ones, as well as on the identification of suitable living conditions for providing positive welfare to farmed and companion animals.