1.	Record Nr.	UNINA9910967392803321
	Autore	Schaefer Jame
	Titolo	Theological foundations for environmental ethics : reconstructing patristic and medieval concepts / / Jame Schaefer
	Pubbl/distr/stampa	Washington, D.C., : Georgetown University Press, c2009
	ISBN	9781589016118
		1589016114
		9781589016125
		1589016122
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (334 p.)
	Disciplina	261.8/8
	Soggetti	Human ecology - Religious aspects - Catholic Church
		Environmental ethics
		Christian ethics - Catholic authors
		Fathers of the church
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references (p. 287-312) and index.
	Nota di contenuto	Valuing the goodness of Creation -- Appreciating the beauty of Creation -- Reverencing the sacramental universe -- Respecting Creation's praise for God -- Cooperating within the integrity of Creation -- Acknowledging kinship and practicing companionship -- Using Creation with gratitude and restraint -- Living virtuously within the Earth community -- Loving Earth -- Modeling the human in an age of ecological degradation.
	Sommario/riassunto	Can religion make a positive contribution to preventing further destruction of biological diversity and ecosystems and threats to our earth? Jame Schaefer thinks that it can, and she examines the thought of Christian Church fathers and medieval theologians to reveal and retrieve insights that may speak to our current plight. By reconstructing the teachings of Augustine, Thomas Aquinas, and other classic thinkers to reflect our current scientific understanding of the world, Schaefer shows how to ""green"" the Catholic faith: to value the goodness of creation, to appreciate the beauty of creatio

2.	Record Nr.	UNINA9911009192503321
	Autore	Koutmos Alexander
	Titolo	Build a Weather Station with Elixir and Nerves / / Alexander Koutmos, Bruce Tate, and Frank Hunleth
	Pubbl/distr/stampa	Raleigh, North Carolina : , : The Pragmatic Programmers, LLC, , [2022] ©2022
	ISBN	9781680509489
		1680509489
		9781680509472
		1680509470
	Edizione	[First edition.]
	Descrizione fisica	1 online resource (90 pages)
	Disciplina	551.6
	Soggetti	Meteorological stations
		Elixir (Computer program language)
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Cover -- Table of Contents -- Acknowledgments -- Alexander Koutmos -- Bruce Tate -- Frank Hunleth -- Introduction -- What You Will Build -- How to Read This Book -- Running the Code Exercises -- Online Resources -- 1. Elixir and Nerves for IoT -- Why Nerves for IoT? -- Time-Series Sensor Hub -- Laying Out the Architecture -- Organizing Your Nerves Project -- Assembling the Weather Station -- Your Turn -- 2. Wirelessly Reading Sensor Data -- Creating a Network-Enabled Sensor Hub Project -- Getting on to the Network -- Capturing Sensor Data -- Your Turn -- 3. Aggregating Sensor Data -- Wrapping Sensors in GenServers -- Build the Firmware Project -- Managing the Life Cycle -- Your Turn -- 4. Publishing Sensor Data -- Setting up Docker Compose -- Creating the Phoenix Application -- Publishing Metrics -- Your Turn -- 5. Pulling It All Together -- Adding Grafana to Docker Compose -- Exploring the Data with SQL -- Creating a Weather Dashboard -- Your Turn.
	Sommario/riassunto	The Elixir programming language has become a go-to tool for creating reliable, fault-tolerant, and robust server-side applications. Thanks to Nerves, those same exact benefits can be realized in embedded

applications. This book will teach you how to structure, build, and deploy production grade Nerves applications to network-enabled devices. The weather station sensor hub project that you will be embarking upon will show you how to create a full stack IoT solution in record time. You will build everything from the embedded Nerves device to the Phoenix backend and even the Grafana time-series data visualizations. Elixir as a programming language has found its way into many different software domains, largely in part to the rock-solid foundation of the Erlang virtual machine. Thanks to the Nerves framework, Elixir has also found success in the world of embedded systems and IoT. Having access to all of the Elixir and OTP constructs such as concurrency, supervision, and immutability makes for a powerful IoT recipe. Find out how to create fault-tolerant, reliable, and robust embedded applications using the Nerves framework. Build and deploy a production-grade weather station sensor hub using Elixir and Nerves, all while leveraging the best practices established by the Nerves community for structuring and organizing Nerves applications. Capture all of your weather station sensor data using Phoenix and Ecto in a lightweight server-side application. Efficiently store and retrieve the time-series weather data collected by your device using TimescaleDB (the Postgres extension for time-series data). Finally, complete the full stack IoT solution by using Grafana to visualize all of your time-series weather station data. Discover how to create software solutions where the underlying technologies and techniques are applicable to all layers of the project. Take your project from idea to production ready in record time with Elixir and Nerves. What You Need: To complete the Nerves weather station project in this book, you will need the following: A Linux, MacOS, or Windows computer to build and deploy Nerves firmware images A Raspberry Pi Zero W or any other Nerves supported target (https://hexdocs.pm/nerves/targets.html#supported-targets-and-systems) A VEML6030 light sensor An BME680 environmental sensor An SGP30 air quality sensor Qwiic connect cables for weather sensors.