1. Record Nr. UNISALENTO991000606869707536

Autore	Rotondi, Sergio
Titolo	L'architettura teatrale a Roma : il Teatro Quirino / Sergio Rotondi
Pubbl/distr/stampa	Roma : Kappa, [1983?]
Descrizione fisica	65 p. : ill. ; 24 cm
Disciplina	725.822
Soggetti	Teatri - Italia - Architettura Roma Teatro Quirino Storia 1870-1954
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910557881903321

Autore	Sun Junzi
Titolo	The 1090 Megahertz Riddle: A Guide to Decoding Mode S and ADS-B Signals
Pubbl/distr/stampa	Delft, : TU Delft Open, 2021
Descrizione fisica	1 electronic resource (160 p.)
Soggetti	Aerospace & aviation technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	In the last twenty years, aircraft surveillance has moved from controller-based interrogation to automatic broadcast. The Automatic Dependent Surveillance-Broadcast (ADS-B) is one of the most common methods for aircraft to report their state information like identity, position, and speed. Like other Mode S communications, ADS-B makes

use of the 1090 megahertz transponder to transmit data. The protocol for ADS-B is open, and low-cost receivers can easily be used to intercept its signals. Many recent air transportation studies have benefited from this open data source. However, the current literature does not offer a systematic exploration of Mode S and ADS-B data, nor does it explain the decoding process.

This book tackles this missing area in the literature. It offers researchers, engineers, and enthusiasts a clear guide to understanding and making use of open ADS-B and Mode S data. The first part of this book presents the knowledge required to get started with decoding these signals. It includes background information on primary radar, secondary radar, Mode A/C, Mode S, and ADS-B, as well as the hardware and software setups necessary to gather radio signals. After that, the 17 core chapters of the book investigate the details of all types of ADS-B signals and commonly used Mode S signals. Throughout these chapters, examples and sample Python code are used extensively to explain and demonstrate the decoding process. Finally, the last chapter of the book offers a summary and a brief overview of research topics that go beyond the decoding of these signals.