

1. Record Nr.	UNINA9910972647503321
Autore	Stephen Lynn
Titolo	Transborder lives : indigenous Oaxacans in Mexico, California, and Oregon // Lynn Stephen
Pubbl/distr/stampa	Durham, : Duke University Press, 2007
ISBN	9786612923326 9781282923324 1282923323 9780822389965 0822389967
Descrizione fisica	1 online resource (399 p.)
Disciplina	304.8089/91411 304.808997072
Soggetti	Indians of Mexico - Mexico - Oaxaca (State) - Migrations Indians of Mexico - Relocation - West (U.S.) Indians of Mexico - Employment - West (U.S.) Frontier workers - Mexico - Oaxaca (State) Migrant labor - Mexico - Oaxaca (State) Oaxaca (Mexico : State) Emigration and immigration West (U.S.) Emigration and immigration
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. [335]-358) and index.
Nota di contenuto	Approaches to transborder lives -- Transborder communities in political and historical context : views from Oaxaca -- Mexicans in California and Oregon -- Transborder labor lives : harvesting, housecleaning, gardening, and childcare -- Surveillance and invisibility in the lives of indigenous farmworkers in Oregon -- Women's transborder lives : gender relations in work and families -- Navigating the borders of racial and ethnic hierarchies -- Grassroots organizing in transborder lives -- Transborder ethnic identity construction in life and on the net : e-mail and web page construction and use -- Conclusions -- Epilogue: Notes on collaborative research.
Sommario/riassunto	Explores how two populations of indigenous Mexican migrants are

using their multi-layered identities and bi-national labor experiences to organize for economic and political change.

2. Record Nr.	UNINA9911019291903321
Autore	Tsui James Bao-yen
Titolo	Fundamentals of global positioning system receivers : a software approach / / James Bao-yen Tsui
Pubbl/distr/stampa	New Jersey, : John Wiley & Sons, Inc., c2005
ISBN	9786610273188 9781280273186 1280273186 9780470241202 0470241209 9780471712572 0471712574 9780471712589 0471712582
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (373 p.)
Collana	Wiley series in microwave and optical engineering
Disciplina	910/.285
Soggetti	Global Positioning System Geography
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 and index.
Nota di contenuto	Fundamentals of Global Positioning System Receivers; Contents; Preface; Preface to the First Edition; Chapter 1 Introduction; 1.1 Introduction; 1.2 History of GPS Development; 1.3 A Basic GPS Receiver; 1.4 Approaches of Presentation; 1.5 Software Approach; 1.6 Potential Advantages of the Software Approach; 1.7 Organization of the Book; References; Chapter 2 Basic GPS Concept; 2.1 Introduction; 2.2 GPS Performance Requirements; 2.3 Basic GPS Concept; 2.4 Basic Equations for Finding User Position; 2.5 Measurement of Pseudorange; 2.6 Solution of User Position from Pseudoranges

2.7 Position Solution with more than Four Satellites
2.8 User Position in Spherical Coordinate System; 2.9 Earth Geometry; 2.10 Basic Relationships in an Ellipse; 2.11 Calculation of Altitude; 2.12 Calculation of Geodetic Latitude; 2.13 Calculation of a Point on the Surface of the Earth; 2.14 Satellite Selection; 2.15 Dilution of Precision; 2.16 Summary; References; Chapter 3 Satellite Constellation; 3.1 Introduction; 3.2 Control Segment of the GPS System; 3.3 Satellite Constellation; 3.4 Maximum Differential Power Level from Different Satellites; 3.5 Sidereal Day; 3.6 Doppler Frequency Shift
3.7 Average Rate of Change of the Doppler Frequency
3.8 Maximum Rate of Change of the Doppler Frequency; 3.9 Rate of Change of the Doppler Frequency Due to User Acceleration; 3.10 Kepler's Laws; 3.11 Kepler's Equation; 3.12 True and Mean Anomaly; 3.13 Signal Strength at User Location; 3.14 Summary; References; Chapter 4 Earth-Centered, Earth-Fixed Coordinate System; 4.1 Introduction; 4.2 Direction Cosine Matrix; 4.3 Satellite Orbit Frame to Equator Frame Transform; 4.4 Vernal Equinox; 4.5 Earth Rotation; 4.6 Overall Transform from Orbit Frame to Earth-Centered, Earth-Fixed Frame
4.7 Perturbations
4.8 Correction of GPS System Time at Time of Transmission; 4.9 Calculation of Satellite Position; 4.10 Coordinate Adjustment for Satellites; 4.11 Ephemeris Data; 4.12 Summary; References; Chapter 5 GPS C/A Code Signal Structure; 5.1 Introduction; 5.2 Transmitting Frequency; 5.3 Code Division-Multiple Access (CDMA) Signals; 5.4 P Code; 5.5 C/A Code and Data Format; 5.6 Generation of C/A Code; 5.7 Correlation Properties of C/A Code; 5.8 Navigation Data Bits; 5.9 Telemetry (TLM) and Hand Over Word (HOW); 5.10 GPS Time and the Satellite Z Count; 5.11 Parity Check Algorithm
5.12 Navigation Data from Subframe 15.13 Navigation Data from Subframes 2 and 3; 5.14 Navigation Data from Subframes 4 and 5-Support Data; 5.15 Ionospheric Model; 5.16 Tropospheric Model; 5.17 Selectivity Availability (SA) and Typical Position Errors; 5.18 Summary; References; Chapter 6 Receiver Hardware Considerations; 6.1 Introduction; 6.2 Antenna; 6.3 Amplification Consideration; 6.4 Two Possible Arrangements of Digitization by Frequency Plans; 6.5 First Component After the Antenna; 6.6 Selecting Sampling Frequency as a Function of the C/A Code Chip Rate
6.7 Sampling Frequency and Band Aliasing for Real Data Collection

Sommario/riassunto

All the expert guidance you need to understand, build, and operate GPS receivers The Second Edition of this acclaimed publication enables readers to understand and apply the complex operation principles of global positioning system (GPS) receivers. Although GPS receivers are widely used in everyday life to aid in positioning and navigation, this is the only text that is devoted to complete coverage of their operation principles. The author, one of the foremost authorities in the GPS field, presents the material from a software receiver viewpoint, an approach that helps readers
