

Cantilevered Canopy Manual Guide

Eight examples of textile canopies from the contemporary work of leading international architects.

A selection of annotated references to unclassified reports and journal articles that were introduced into the NASA scientific and technical information system and announced in Scientific and technical aerospace reports (STAR) and International aerospace abstracts (IAA).

Government Reports Announcements & Index

The Carpenters' and Builders' Guide

Exploring the Rainforest Canopy

Manual of Classification

TM.

General Biology and Related Biota

Describes the work of Meg Lowman in the rainforest canopy, an area unexplored until the last ten years and home to previously unknown species of plants and animals.

Understanding Steel Design is based on an overall approach to understand how to design and build with steel from the perspective of its architectural applications. Steel is a material whose qualities have enormous potential for the creation of dynamic architecture.

In an innovative approach to the reality of working with steel, the book takes a new look both at the state of tried-and-tested techniques and at emerging projects. Hundreds of steel structures have been observed, analyzed and appraised for this book. In-depth construction photographs by the author are complemented by technical illustrations created to look more closely at systems and details. Drawings supplied by fabricators allow greater insight into a method of working with current digital drawing tools.

2020 National Building Cost Manual

Parachute Rigger Handbook

Along Route 66

Glider Flying Handbook

Rapid Visual Screening of Buildings for Potential Seismic Hazards: Supporting Documentation

Being a Hand-book for Workmen, and a Manual of Reference for Contractors and Builders ... Also Information for the Convenience of Builders and Contractors in Making Estimates

Square-foot costs for residential, commercial, industrial, military, schools, greenhouses, manufactured homes, fire stations, libraries, churches, government offices and farm buildings. Includes important variables that can make any building unique from a cost standpoint. A smart resource for adjusters and appraisers using the cost approach. Quickly work up a reliable budget estimate based on actual materials and design features, class of construction, area, shape, wall height, number of floors, and support requirements. Includes easy-to-use software that calculates total in-place cost estimates. Use the regional cost adjustment factors provided to tailor the estimate to any jobsite in the U.S. Then view, print, email or save the detailed PDF report as needed.

«Facade Construction Manual» provides a systematic survey of contemporary expertise in the application of new materials and energy-efficient technologies in facade design. It surveys the facade design requirements made by various types of buildings, as well as the most important materials, from natural stone through to synthetics, and documents a diversity of construction forms for a wide range of building types.

Canadian Mining Journal's Reference Manual & Buyer's Guide

Numerical Simulation of Canopy Flows

On the Mathematical Structure of Simple Plants and Canopies

Vascular Epiphytes

Plato's Plant

A Directory of Computer Software Applications, Civil & Structural Engineering, 1978-September 1980

300+ pages of diagrams, descriptions of techniques and a comprehensive overview of the role direct action plays in resistance--from planning an action, doing a soft blockade, putting up a tressit or executing a lockdown; to legal and prisoner support, direct action trainings, fun political pranks, and more. The DAM has been compiled and updated by frontline activists from around the US to help spread the knowledge and get these skills farther out in the world.

The Detail in Building series provides a foundation of contemporary design data covering key elements of building design. Such essential elements are part of the vocabulary of contemporary architecture, and future titles in the series include Wind Towers and Service Cores. Each building element is clearly analysed, both historically and in terms of contemporary examples by key practices around the world. The combination of building context, design aesthetics and technical solution, as revealed in the case studies, is highly informative as well as unique in a field where specific technical quality in design detailing is often underexposed by the superficial presentation of design schemes. Cable Nets is the fifth title in the series. Opening with a definition of tension structures in general, the book then provides an overview of the history of cable nets, the different types commonly used, and their advantages and applications. It then focuses on detailed design decisions relating to cables, claddings, fixings, joints, sealants and anti-corrosion measures, as well as providing information on contracting, fabrication, erection and costs. This is followed by nine case studies which reflect the best design and use of cable nets around the world.

The Most Beautiful Roof in the World

Facade Construction Manual

Aeronautical Engineering

An Architectural Design Manual

Earth First! Direct Action Manual

Technical Manual

Includes list of replacement pages.

Starting with the description of meteorological variables in forest canopies and its parameter variations, a numerical three-dimensional model is developed. Its applicability is demonstrated, first, by wind sheltering effects of hedges and, second, by the effects of deforestation on local climate in complex terrain. Scientists in ecology, agricultural botany and meteorology, but also urban and regional planners will profit from this study finding the most effective solution for their specific problems.

Roofing Handbook

Airframe and Powerplant Mechanics Powerplant Handbook

The Field Guide to Wildlife Habitats of the Western United States

Time-saver Standards

Aeronautical Engineering: 1983 Cumulative Index

Scientific and Technical Aerospace Reports

The first official book released by the Federal Aviation Administration (FAA) for the sole purpose of glider and sailplane instruction and knowledge, this book answers all the questions related to glider flying and soaring found in the FAA's required knowledge exams for pilots. Included is detailed coverage on decision making, aerodynamics, aircraft performance, soaring weather, flight instruments, medical factors, communications, and regulations, all in relation to the world of glider flying. Through full-colour graphics and detailed descriptions, pilots are better able to comprehend and visualise the manoeuvres within the book.

Tall buildings are not the only solution for achieving sustainability through increased density in cities but, given the scale of current population shifts, the vertical city is increasingly being seen as the most viable solution for many urban centers. However, the full implications of concentrating more people on smaller plots of land by building vertically - whether for work, residential or leisure functions - needs to be better researched and understood. It is generally accepted that we need to reduce the energy equation - in both operating and embodied terms - of every component and system in the building as an essential element in making it more sustainable. Mechanical HVAC systems (Heating, Ventilation and Air-Conditioning) in tall office buildings typically account for 30-40 percent of overall building energy consumption. The increased efficiency (or possibly even elimination) of these mechanical systems - through the provision of natural ventilation - could thus be argued to be the most important single step we could make in making tall buildings more sustainable. This guide sets out recommendations for every phase of the planning, construction and operation of natural ventilation systems in these buildings, including local climatic factors that need to be taken into account, how to plan for seasonal variations in weather, and the risks in adopting different implementation strategies. All of the recommendations are based on analysis of the research findings from richly-illustrated international case studies. Tried and tested solutions to real-life problems make this an essential guide for anyone working on the design and operation of tall buildings anywhere in the world. This is the first technical guide from the Council on Tall Buildings and Urban Habitat's Tall Buildings & Sustainability Working Group looking in depth at a key element in the creation of tall buildings with a much-reduced environmental impact, while taking the industry closer to an appreciation of what constitutes a sustainable tall building, and what factors affect the sustainability threshold for tall.

Civil & structural engineering

2017 National Building Cost Manual

Understanding Steel Design

Part 2: Conserving and Planting Trees at Development Sites

The Parachute Manual

Urban Watershed Forestry Manual

Quickly work up a reliable budget estimate based on actual materials and design features, class of construction, area, shape, wall height, number of floors, and support requirements.

Epiphytes (plants which grow on other plants, not parasitically but for support), comprise more than one-third of the total vascular flora in some tropical forests. Growing within tropical forest canopies, epiphytes are subject to severe environmental constraints, and their diverse adaptations make them a rich resource for studies of water balance, nutrition, reproduction and evolution. This book synthesizes the body of information from research on epiphytes and their relations with other tropical biota, and provides a comprehensive overview of basic functions, life history, evolution, and the place of epiphytes in complex tropical communities. Tropical ecologists and zoologists as well as plant scientists will find this volume a useful guide to research on the twenty-five thousand species of epiphytes which root in the crowns of tropical trees.

A Guide to Scaffold Use in the Construction Industry

Aeronautical Engineering: A Continuing Bibliography, 1982 Cumulative Index

Air Force Manual

A Manual of Essential Architectural Data for Architects, Engineers, Designers, Builders, Draftsmen, and Other Technicians

Soft Canopies

Annual Book of ASTM Standards

"Along Route 66" describes the architectural styles found along the highway from Chicago to Santa Monica, California, and pairs photos with stories of the buildings and of the people who built, lived in and made a living from them. With striking images and unforgettable histories, Scott has documented the culture of America's most famous road. 250 photos.

This lovely field guide is a complete reference to the wildlife of the western United States. It uses a habitat-first approach for locating animals as well as a stalking and observation guide. 69 illustrations.

Civil and structural engineering

Being a Hand-book for Workmen, Also a Manual of Reference for Contractors, Builders, Etc

2017 Total In-Place Costs for Residential, Commercial, Industrial, Agricultural, and Military Structures

A Directory of Computer Software Applications

Cable Nets

Nearly eighteen hundred different bird species--one fifth of the world's birds--have been recorded in Peru. Birds of Peru is the most complete and well-researched field guide to this rich and fascinating diversity. It illustrates every one of the 1,792 species and shows the distinct plumages of each. It includes 304 superb, high-quality color plates directly opposite concise descriptions and color distribution maps, making it much easier to use in the field than standard neotropical field guides. The detailed text discusses key identification features, status, distribution, and vocalizations for all species, and many subspecies. This field guide enables users to identify all species found in Peru, and is also useful throughout much of western South America, particularly southeastern Colombia, southern Ecuador, western Brazil, Bolivia, and northern Chile. Birds of Peru is an indispensable resource for birdwatchers, biologists, naturalists, and conservationists working or traveling in Peru and South America. The most complete and well-researched field guide to the 1,792 species of birds found in Peru 304 superb, high-quality color plates directly opposite concise descriptions and full-color distribution maps for quick reference and easy identification Distinct plumages, subspecies, sexes, age classes, and morphs fully illustrated Detailed text discusses key identification features, status, distribution, and vocalizations Designed especially for field use-compact, portable, and user-friendly

The Rapid Visual Screening (RVS) handbook can be used by trained personnel to identify, inventory, and screen buildings that are potentially seismically vulnerable. The RVS procedure comprises a method and several forms that help users to quickly identify, inventory, and score buildings according to their risk of collapse if hit by major earthquakes. The RVS handbook describes how to identify the structural type and key weakness characteristics, how to complete the screening forms, and how to manage a successful RVS program.

Birds of Peru

A Technical Treatise on Aerodynamic Decelerators

Detail in Building

Guide to Natural Ventilation in High Rise Office Buildings

Directory of Computer Software Applications

The Modern House-carpenter's Companion and Builder's Guide

CD-ROM contains: Directory of Internet resources.

Parachute Rigger HandbookTechnical ManualTMA Guide to Scaffold Use in the Construction IndustryA Directory of Computer Software Applications, Civil & Structural Engineering, 1978-September 1980Soft CanopiesDetail in BuildingJohn Wiley & Son Limited

International Aerospace Abstracts