Tag/wsc

Thank you completely much for downloading **tag/wsc**.Most likely you have knowledge that, people have see numerous times for their favorite books in imitation of this tag/wsc, but end happening in harmful downloads.

Rather than enjoying a good PDF in imitation of a cup of coffee in the afternoon, then again they juggled with some harmful virus inside their computer. **tag/wsc** is straightforward in our digital library an online admission to it is set as public in view of that you can download it instantly. Our digital library saves in merged countries, allowing you to get the most less latency times to download any of our books behind this one. Merely said, the tag/wsc is universally compatible afterward any devices to read.

VBScript Programmer's Reference Susanne Clark 1999 "A comprehensive guide to version5 of the VBScript language and syntax, together with practical demonstrations of its usage in context - be it server-side programming with ASP or WSH, or scripting in Internet Explorer with DHTML or HTML components."--Cover.

Berichte und Mitteilungen des Altertums-Vereines zu Wien Altertumsverein (Wien) 1872

Berichte und Mitteilungen des Altertums-Vereines zu Wien Altertumsverein zu Wien 1872

Freiberger Forschungshefte 2002

Web Survey Creator Reference Guide Julian Cole

Tor! Ulrich Hesse 2003

VB.Net Web Developer's Guide

Syngress 2001-09-04 Visual Basic has long been the language of choice when designing Windows-based applications and the Web. Touted as both the most popular and productive computing language, Visual Basic has amassed quite a following of devoted programmers, and is a sought after programming skill. With the introduction of .NET Enterprise, Microsoft launch VB.NET, offering a streamlined, simplified version of Visual Basic language. With increased power, scalability, functionality and reliability, VB.NET is positioned to be the most productive tool in a programmer's toolbox. VB.NET Developer's Guide is written for previous Visual Basic Programmers looking to harness the power of the new features and functionality incorporated in Visual Basic.NET. Timely coverage of newly released product which Visual Basic users will be eager to learn VB.NET Developer's Guide is one of the first comprehensive reference for programmers and developers anxious to learn about the new technology

VBScript, WMI, and ADSI Unleashed Don Jones 2007-05-24 If you're a Windows administrator, scripting expertise can liberate you from boring, repetitive work—so you can take on the sophisticated, high-value projects you really want. Top scripting guru Don Jones has written the definitive administrator's guide to getting results with Microsoft's key scripting technologies: VBScript, WMI, and ADSI. Jones draws on his unsurpassed experience training Windows administrators in conferences, classes, and from his enormously popular site, ScriptingAnswers.com. You'll learn how to use VBScript, WMI, and ADSI to gain administrative control over nearly every aspect of every recent Windows server or client, including Windows Server 2003, Vista, XP, 2000, and NT. As you gain experience, Jones introduces more advanced techniques, ranging from modular scripting

and script encryption to integrating VBScript with HTML code. Jones concludes with a full section of ready-to-run, real-world examples—from logon/logoff scripts to automated domain and network administration, from querying WMI to creating Active Directory groups. Every script is explained line-by-line, with challenging techniques described in even greater detail.

VBScript Susanne Clark 1999-12-31 This description refers to a previous edition of VBScript Programmer's Reference. For the most recent edition of this book, look for ISBN 0-7645-5993-1. What is this book about? VBScript is one of Microsoft's scripting languages, which can be employed in a variety of ways — from client-side scripting in Internet Explorer to server-side programming in ASP and the new Microsoft Windows Script Host. The language itself has been gradually increasing in power and flexibility, and the newest release, VBScript 5.0 (which comes with IE5.0), represents a huge increase in functionality and effectiveness: VBScript books now in demand from VB and WSH developers New version 5.0 now available with substantial changes — this is first book Proven Programmer's Reference format Extensive reference to langauge and object models What does this book cover? Here are just a few of the things you'll find in this book: A complete guide to the VBScript language and its syntax Up-to-date details of the most recent scripting engines for Internet Explorer, ASP and the Windows Script Host Coverage of the new features in VBScript 5, including constructing classes, specific data-types and using regular expressions Coverage of a vast range of uses that VBScript can be put to work with Extensive reference covering the various implementations and all the relevant object models Who is this book for? This book will be useful for anyone who wants to get a grip on VBScript. Whether you've just played around with

HTML and want to find out about the world of programming, or whether you're an experienced programmer who needs to learn the VBScript language in order to work with the Windows Script Host or develop ASP pages, this book will show you the way. No prior knowledge of programming is assumed.

Beginning ASP 3.0 Chris Ullman 1999 Demonstrates updated features while explaining how to use the scripting tool to program dynamic Web sites in a Windows 2000 environment

The Cricket War Gideon Haigh 2008 In May 1977, the cricket world woke to discover that a 39-year-old businessman called Kerry Packer had signed thirty-five elite international players for his own televised World Series Cricket. The Cricket War, now published with a new introduction and afterword, is the definitive account of the split that changed the game on the field and on the screen. In helmets, under lights, with white balls and in coloured clothes, the outlaw armies of Ian Chappell, Tony Greig and Clive Lloyd fought a daily battle of survival. In boardrooms and courtrooms, Packer and cricket's rulers fought a bitter war of nerves. A compelling account of top-class sporting life, The Cricket War also gives a unique insight into the motives and methods of the tycoon who became Australia's richest man.

Official Gazette of the United States Patent and Trademark Office 2002

VBScript Programmer's Reference Adrian Kingsley-Hughes 2004-07-09 What is this book about? The VBScript standard has changed over time, and several new things have been introduced since this book first published in 1999. The current standard for VBScript is 5.6. The script debugger, script control, and script encoder have all changed and the Windows Script Component Wizard, regular expressions, and remote

scripting have been introduced. Windows Script Host technology has also matured over time and gained in both effectiveness and popularity. VBScript Programmer's Reference, 2nd Edition begins with discussion of the general syntax, functions, keywords, style, error handling, and similar language–specific topics and then moves into an expanded reference section covering the object models in detail. The book combines a comprehensive overview of the VBScript technology and associated technologies with practical examples at every stage from beginner to advanced user. Specific topics include the following: Variables and Data Types Procedures Error Handling and Debugging Windows Script Components Script Encoding Remote Scripting Data Objects Coding Conventions

Understanding Williams Syndrome Eleanor Semel 2003-10-17 Comprehensive and readable, Understanding Williams Syndrome: Behavioral Patterns and Interventions is an essential guide for all those professionally, scientifically, or personally involved with this so frequently misunderstood and underserved population--psychologists, psychiatrists, social workers, and other mental health professionals; special educators and vocational counselors; speech-language, physical, and occupational therapists; audiologists; physicians; and parents. In the last 20 years, Williams syndrome has captured the interest of large numbers of scientists and attracted considerable media attention in spite of its rarity (estimated at no more than one in 30,000 births). Those diagnosed display a unique pattern of behavioral, cognitive, and physical limitations and strengths with fascinating neurogenetic implications--a pattern that poses enormous challenges to their parents and caregivers. The authors, a specialist in learning disabilities and a developmental psychologist, review basic information about Williams

syndrome, its medical conditions, paradoxical profile, and neurobiological mechanisms; and discuss distinctive features of the language and perceptual and motor performance of children and adults with the syndrome. Other features include: * Strategies for working with patients. * An examination of the difference between Williams syndrome and other developmental disorders. * Problem-specific alternatives for treatment. * Analysis of new directions in research, clinical intervention, education, and systems for care delivery. Throughout, they stress variations among individuals and subgroups in ability level, skills, talents, and problem severity; and emphasize the necessity of recognizing these components in planning treatment on an individual basis.

Understanding WMI Scripting Alain Lissoir 2003-03-20 Understanding WMI Scripting explains to Windows and Exchange Administrators how they can use the Windows Management Instrumentation (WMI) scriptable technology available in these products to ease their day-to-day management tasks. Under Windows.NET and Exchange 2000 (SP2), Microsoft is making solid enhancements in WMI. This will dramatically extend the scripting and manageability capabilities of Windows and Exchange. Illustrated with more than three hundred samples, the book links practical problems encountered by administrators to applicable scriptable solutions. Lissoir focuses not on MI programming aspects for developers but on how administrators can use what is available in Windows and Exchange for their admin work. WMI is a very important topic under Windows.NET and Exchange 2000 (SP2), so this book provides real added value to Windows/Exchange administrators. Although Exchange relies on Windows, no other book combines coverage of Windows and Exchange. · Fine tune management of Windows

servers · Achieve better system management and customize critical operations · Access hundreds of usable scripts in book and downloadable from web

Windows Web Scripting Developer's Guide Dan Heflin 2000 The only book to focus on integrating Microsoft's advance scripting technologies to build n-tier applications, this advanced guide shows how to create powerful Web applications using integrated technologies, including XML, DHTML behaviors, scripting components and ASP. It also explains how to build components and increase code re-use, how to apply scripting to the new capabilities of Internet Explorer 5, and how to use Web Scripting to build and e-commerce application.

Microsoft Internet Explorer 5 Web Programming Unleashed Boris Feldman 2000 This text shows readers how to take IE 5 "out of the box" and maximize its capabilities to create striking,

dynamic Web sites. Topics covered include: components; support; multimedia; offline browsing; and more. CD contains various Web development utilities and programming code.

Asymmetric Events Barbara Lewandowska-Tomaszczyk 2008-05-15 The book introduces the concept of asymmetric events, an important concept in language and cognition, which, for the first time in linguistic literature, is identified in a more systematic way and analyzed in a number of different languages, including typologically or genetically unrelated ones. Asymmetric events are two or more events of unequal status in an utterance and papers in the volume present ways in which a linguistic description of main events in a sentence is different (morphologically, syntactically, discursively) from a description of backgrounded events. The prototypical asymmetries involving perception, cognition, and language are identified in

subordination, nominalization and modification of various kinds but they extend to coordinate structures, serial verbs, spatial language and viewing arrangement, as well as part - whole relations. The perspective is broadly cognitive and functional, the authors use different though complementing methodologies, some include corpus data, and the asymmetries are shown to have a variety of stylistic and ideological implications.An in-depth analysis of manifold asymmetries in structure and function of diverse languages makes this volume of interest to linguists of different persuasion, philosophers, cognitive researchers, discourse analysts and students of language and cognition.

Irrepressible Churchill Winston Churchill 1966

Soil Survey Laboratory Methods Manual USDA 2012-03-01 The purpose of this manual is to document methodology and to serve as a reference for the laboratory analyst. The standard methods described in this SSIR No. 42, Soil Survey Laboratory Methods Manual, Version 4.0 replaces as a methods reference all earlier versions of the SSIR No. 42 (1989, 1992, and 1996, respectively) and SSIR No. 1, Procedures for Collecting Soil Samples and Methods of Analysis for Soil Survey (1972, 1982, and 1984). All SSL methods are performed with methodologies appropriate for the specific purpose. The SSL SOP's are standard methods, peer-recognized methods, SSL-developed methods, and/or specified methods in soil taxonomy (Soil Survey Staff, 1999). An earlier version of this manual (1996) also served as the primary document from which a companion manual, Soil Survey Laboratory Information Manual (SSIR No. 45, 1995), was developed. The SSIR No. 45 describes in greater detail the application of SSL data. Trade names are used in the manual solely for the purpose of providing specific information. Mention of a trade name does not

constitute a guarantee of the product by USDA nor does it imply an endorsement by USDA.

Manuals Combined: U.S. Navy ELECTRONICS TECHNICIAN, VOLUMES 01 - 08 Over 1,300 total pages .... 14086A Electronics Technician, Volume 1 Safety and Administration 'This is the first volume in the ET Training Series. Covers causes and prevention of mishaps, handling of hazardous materials; identifies the effects of electrical shock; purpose of the tag-out bill and personnel responsibilities, documents, and procedures associated with tag out; and identifies primary safety equipment associated with ET work. Provides an overview of general and technical administration and logistics. Included are descriptions of forms and procedures included in the Maintenance Data System (MDS) and publications that should be included in a ship's technical library. Also included is a basic description of the Naval Supply System and COSAL. This volume combines the previous ET volumes 1 & 2 and has been updated. 14087 ELECTRONICS TECHNICIAN, VOLUME 02--ADMINISTRATION OBSOLETE: no further enrollments allowed. Provides an overview of general and technical administration and logistics. Included are descriptions of forms and procedures included in the Maintenance Data System (MDS) and publications that should be included in a ship's technical library. Also included is a basic description of the Naval Supply System and COSAL. 14088 ELECTRONICS TECHNICIAN, VOLUME 03-- COMMUNICATIONS SYSTEMS Provides operations-related information on Navy communications systems including SAS, TEMPEST, satellite communications, Links 11, 4-A, and 16, the C2P system, and a basic introduction to local area networks (LANs). 14089 ELECTRONICS TECHNICIAN, VOLUME 04--RADAR SYSTEMS Provides a basic introduction to

air search, surface search, ground-controlled approach, and carrier controlled approach RADAR systems. Included are basic terms associated with RADAR systems, descriptions of equipment that compose the common systems, descriptions of RADAR interfacing procedures and equipment, and primary radar safety topics. 14090 ELECTRONICS TECHNICIAN, VOLUME 05--NAVIGATION SYSTEMS Introduces the primary navigation systems used by U.S. Navy surface vessels. It provides a basic introduction to and explanation of the Ship's Inertial Navigation System (SINS), the U.S. Navy Navigation Satellite System (NNSS), and the NAVSTAR Global Positioning System (GPS) and associated equipment. It then provides an introduction to and explanation of the Tactical Air Navigation system (TACAN) and its associated equipment. The information provided is written at an introductory level and is not intended to be used by technicians for diagnoses or repairs. 14091 ELECTRONICS TECHNICIAN, VOLUME 06--DIGITAL DATA SYSTEMS Covers the following subject matter on computers and peripherals: fundamentals and operations, configurations and hardware, operator controls and controlling units, components and circuits, central processing units and buses, memories, input/output and interfacing, instructions and man/machine interfaces, magnetic tape storage, magnetic disk storage, CD-ROM storage, printers, data conversion devices and switchboards. 14092 ELECTRONICS TECHNICIAN, VOLUME 07--ANTENNAS AND WAVE PROPAGATION Covers a basic introduction to antennas and wave propagation. It includes discussions about the effects of the atmosphere on rf communications, the various types of communications and radar antennas in use today, and a basic discussion of transmission lines and waveguide theory. 14093 ELECTRONICS TECHNICIAN, VOLUME 08--SUPPORT SYSTEMS Provides a basic introduction to support systems: liquid cooling,

dry air, ac power distribution, ship's input, and information transfer. It includes discussions on configuration, operation and maintenance of these systems.

Aspekte zur Metallogenie der kontinentalen und ozeanischen Kruste Ludwig Baumann 2002

Managing Windows with VBScript and WMI Don Jones 2004 The definitive guide to scripting for all Windows administrators helps them to simplify their work and make their network more secure. Jones demystifies scripting, showing how VBScript and WMI can help ease repetitive or complex tasks. Based on the author's years of experience teaching and training, the book covers Windows NT, Windows 2000, Windows XP, and Windows 2003.

Criminology Explains Police Violence Philip Matthew Stinson Sr 2020-01-21 Criminology Explains Police Violence offers a concise and targeted overview of criminological theory applied to the phenomenon of police violence. In this engaging and accessible book, Philip M. Stinson, Sr. highlights the similarities and differences among criminological theories, and provides linkages across explanatory levels and across time and geography to explain police violence. This book is appropriate as a resource in criminology, policing, and criminal justice special topic courses, as well as a variety of violence and police courses such as policing, policing administration, police-community relations, police misconduct, and violence in society. Stinson uses examples from his own research to explore police violence, acknowledging the difficulty in studying the topic because violence is often seen as a normal part of policing.

Canwyll y Cymru: sef Gwaith Mr. Rees Prichard ..., a brintiwyd or blaen yn bedair rhan, wedi ei cyssylltu oll ynghyd yn un llyfr.-The Divine Poems of Mr. Rees Prichard. Welsh Rees

PRICHARD 1696

Windows XP Under the Hood
Brian Knittel 2002 Explores the
Microsoft Windows XP interface,
covering the batch file
language and documenting the
commandline utilities.

Electronics Technician
Steven Wheeler 1997

**Windows 7 and Vista Guide
to Scripting, Automation,
and Command Line Tools**
Brian Knittel 2010-12-01 THE
ONLY HANDS-ON, UP-TO-DATE
GUIDE TO VBSCRIPT, THE
WINDOWS COMMAND LINE,
AND WINDOWS POWERSHELL
Windows 7 and Vista contain
state-of-the-art tools for
streamlining or automating
virtually any system
management task. If you're a
power user, administrator, or
developer, these tools can help
you eliminate repetitive work
and manage your systems far
more reliably and effectively.
Renowned Windows expert
Brian Knittel brings together
the practical knowledge you
need to use all these tools,
including VBScript and Windows
Scripting Host (WSH),
traditional batch files, the
advanced PowerShell command
console, and more. Using plenty
of examples, Knittel explains
how each tool works, and how
to solve real-world problems
with them. You'll master
techniques ranging from
accessing files to manipulating
the Registry, sending
automated emails to
configuring new users. Knittel
also provides concise, handy
references to Windows 7/Vista's
command line, GUI scripting,
and object-based management
tools. The only single-source
guide to all leading methods of
Windows scripting and
automation, this book will help
you get far more done–in far
less time! Understand Windows
Scripting Host (WSH) and the
modern Windows scripting
environment Script objects with
VBScript, JScript, ActivePerl,
and ActivePython Read and
write files, including XML and
HTML files Manipulate programs
and shortcuts Manage network,
printer, and fax connections
Make the most of PowerShell

under Windows 7 and Vista Monitor and administer Windows systems with Windows Management Interface (WMI) Use ADSI to control Active Directory and Microsoft Exchange, and manage users more efficiently Avoid mistakes that can compromise script security Use Windows' debugging tools to test and troubleshoot scripts Develop batch files that take full advantage of the command line Send faxes and email messages from scripts with Windows Fax and Collaboration Data Objects (CDO) Deploy your scripts throughout your organization Brian Knittel has been a software developer for more than 30 years. He has coauthored five titles in Que's Special Edition Using series, covering Microsoft Windows Vista, XP, and 2000. He is also author of Windows XP Under the Hood, and coauthor of Upgrading and Repairing Windows (with Scott Mueller).

VBScript in a Nutshell Paul Lomax 2003-03-20 Lightweight yet powerful, VBScript from Microsoft® is used in four main areas: server-side web applications using Active Server Pages (ASP), client-side web scripts using Internet Explorer, code behind Outlook forms, and automating repetitive tasks using Windows Script Host (WSH). VBScript in a Nutshell, Second Edition delivers current and complete documentation for programmers and system administrators who want to develop effective scripts.Completely updated for VBScript 5.6, WSH 5.6 and ASP 3.0, VBScript In a Nutshell, Second Edition includes updated introductory chapters that will help you keep current with the significant changes since the first edition was published. New chapters introduce the Windows Script Component for creating binary COM components, and the Script Encoder.The main part of the book is a comprehensive reference focusing on VBScript essentials with an alphabetical reference to all statements, keywords and objects, and a section of notes and solutions to real-world gotchas--various

undocumented behaviors and aspects of the language--to help you avoid potential problems. Each entry in the reference section details the following: The keyword's syntax, using standard code conventions A list of arguments accepted by the function or procedure, if any exist A discussion of how and where the keyword should be used within the scripting environment A discussion of the differences between the operation of the keyword in Visual Basic or VBA and in VBScript Regardless of your level of experience programming with VBScript, VBScript in a Nutshell, Second Edition is the book you'll want by your side--the most complete, up-to-date, and easy-to-use language reference available.

Surface Chemistry and Electrochemistry of Membranes Torben Smith Sorenson 1999-02-16 An eclectic mix of studies on chemical and electrochemical behaviour of membrane surfaces. The book looks at membranes - both organic and inorganic - from a host of different perspectives and in the context of many diverse disciplines. It explores the behaviours of both synthetic and biological membranes, employing physical, chemical and physiochemical perspectives, and blends state-of-the-art research of many disciplines into a coherent whole.

Canadian National Records for Sheep Canadian national live stock records office 1936

Speaking for Themselves Winston Churchill 1998 This a collection of the correspondence between Sir Winston and Lady Clementine Churchill from their courtship in 1908 to Winston Churchill's death in 1965. The letters serve both as a chronicle of their personal achievements and tragedies over the years and as a political and social history.

Service-Oriented Computing Munindar P. Singh 2006-02-22

This comprehensive text explains the principles and practice of Web services and relates all concepts to practical examples and emerging standards. Its discussions include: Ontologies Semantic web technologies Peer-to-peer service discovery Service selection Web structure and link analysis Distributed transactions Process modelling Consistency management. The application of these technologies is clearly explained within the context of planning, negotiation, contracts, compliance, privacy, and network policies. The presentation of the intellectual underpinnings of Web services draws from several key disciplines such as databases, distributed computing, artificial intelligence, and multi-agent systems for techniques and formalisms. Ideas from these disciplines are united in the context of Web services and service-based applications. Featuring an accompanying website and teacher's manual that includes a complete set of transparencies for lectures, copies of open-source software for exercises and working implementations, and resources to conduct course projects, this book makes an excellent graduate textbook. It will also prove an invaluable reference and training tool for practitioners.

Methods of Soil Analysis, Part 4 Jacob H. Dane 2020-05-27 The best single reference for both the theory and practice of soil physical measurements, Methods, Part 4 adopts a more hierarchical approach to allow readers to easily find their specific topic or measurement of interest. As such it is divided into eight main chapters on soil sampling and statistics, the solid, solution, and gas phases, soil heat, solute transport, multi-fluid flow, and erosion. More than 100 world experts contribute detailed sections.

Network World 1991-04-08 For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives

responsible for the digital nervous systems of large organizations. Readers are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce.

VBScript in a Nutshell Paul Lomax 2003 Lightweight yet powerful, VBScript from Microsoft® is used in four main areas: server-side web applications using Active Server Pages (ASP), client-side web scripts using Internet Explorer, code behind Outlook forms, and automating repetitive tasks using Windows Script Host (WSH). VBScript in a Nutshell, Second Edition delivers current and complete documentation for programmers and system administrators who want to develop effective scripts. Completely updated for VBScript 5.6, WSH 5.6 and ASP 3.0, VBScript In a Nutshell, Second Edition includes updated introductory chapters that will help you keep current with the significant changes since the first edition was published. New chapters introduce the Windows Script Component for creating binary COM components, and the Script Encoder. The main part of the book is a comprehensive reference focusing on VBScript essentials with an alphabetical reference to all statements, keywords and objects, and a section of notes and solutions to real-world gotchas--various undocumented behaviors and aspects of the language--to help you avoid potential problems. Each entry in the reference section details the following: The keyword's syntax, using standard code conventions A list of arguments accepted by the function or procedure, if any exist A discussion of how and where the keyword should be used within the scripting environment A discussion of the differences between the operation of the keyword in Visual Basic or VBA and in VBScript Regardless of your level of experience

programming with VBScript, VBScript in a Nutshell, Second Edition is the book you'll want by your side--the most complete, up-to-date, and easy-to-use language reference available.

Journal of the Physical Society of Japan 1988

Soil Survey Investigations Report United States. Soil Conservation Service 1992

The Physiology of Seasonal Growth in Tall Fescue Varieties (Festuca Arundinacea Schreb.) Warren Marcus Blacklow 1969 The winter and summer growth of varieties of tall fescue (Festuca arundinacea Schreb.) that had originated from the Mediterranean region (Oregon 1000 and Tunisia) and northern Europe (Alta) were studied outdoors in the Mediterranean climate of western Oregon, and in greenhouses and controlled environment chambers. Treatments of temperature, photoperiod and gibberellic acid (GA) were imposed in order to establish the limitations to winter and summer forage production. Measurements of photosynthesis and the distribution of assimilates were made by growth analysis and the level and nature of reserve carbohydrates by the copper-iodometric method. In western Oregon, the varieties that had originated from the Mediterranean region made more foliar growth during the winter but less during the summer than Alta. These two different patterns of seasonal growth were interpreted as ecotypic variation that had enabled the species to survive seasons of stress in the regions of origin--freezing winters of northern Europe and summer droughts of the Mediterranean. Cubes of sod taken during the winter months from swards of Alta and Tunisia showed that Alta had a greater density of tillers and buds, and a higher level of reserve carbohydrates than Tunisia. This result suggested that Tunisia utilized photosynthate during the winter for the production of

leaves rather than storing it as carbohydrates. During the winter of 1967 the foliar growth of both Alta and Oregon 1000 was increased by a temperature of 15 to 20C, a foliar spray of 0.1% GA, and possibly by a long photoperiod. The suggestion was that winter growth was limited more by the internal growth regulator balance than the external weather, and that relative rather than true dormancy was involved. Although the chlorophyll concentration in the foliage was reduced by GA the total chlorophyll was actually increased by 10 to 30% and, consequently, the chlorosis may not be deleterious to pasture production. The rate of regrowth of Tunisia was greater at 7/3C than Alta but this difference was eliminated by GA. Rate of regrowth may be an important determinant of winter growth of ecotypes of forages grasses and GA may promote the mobilization, or utilization, or both, of reserve carbohydrate--reserves that were found to be higher in Alta than Tunisia. At the end of a prolonged exposure of 18 weeks in a simulated winter environment of 7/3C and 19 ly/day (400 to 750 nm) the total weight of Tunisia was greater than Alta and proportionately more dry weight was present in the leaves than roots. The total available carbohydrates (TAG) extracted with 0.2N H_2SO_4 was similar for Alta and Tunisia; it was 20% of the dry weight of stems. Gibberellic acid increased the concentration of TAC 6% in Alta and 4% in Tunisia. The total water soluble carbohydrates (WSC) were 14 and 9% of the stems of Tunisia and Alta respectively, and 6% of the leaves and 5% of the roots of both varieties. Fructosans were the main component of WSC, and sucrose and reducing sugars were of lesser concentrations. The WSC were increased by GA in all parts of the plants and the increase was greatest in Alta; sucrose showed the greatest increase. Subtraction of WSC from TAG gave an estimation of starch; it was unexpectedly high with concentrations as high as fructosans and

indicated that 0.2N H2SO4 may have extracted structural carbohydrates. The superior growth rate of Alta in the summer was established in June. At the end of June 1968 the relative growth rate of both Alta and Tunisia was increased by GA due to a stimulation of net assimilation rates. The WSC were highest in the stems and were 14 and 9% of the stems of Alta and Tunisia respectively. Fructosans were the main WSC and the higher level of WSC in Alta was due to a higher level of fructosans. Gibberellic acid increased the WSC by 1% of the dry weight during the treatment time of 8 days. The measurement of photosynthesis of leaf segments of tall fescue by manometry was unreliable. The activity of isolated chloroplasts was also unreliable although some improvement was obtained by isolating in the presence of polyvinylpyrrolidone. The concept developed in this thesis was that when an ecotype is introduced to a new environment, or used as a basis for a new variety, the production and utilization of photosynthate may be controlled by an internal growth regulator balance which is not well coordinated with the weather. In such a circumstance, the possibility exists that the growth regulator balance may be adjusted by a timely application of the appropriate growth regulators in order that the variety may grow to the limit of its genetic capacity during periods of favorable weather.

Berichte und Mittheilungen des Alterthums-Vereines zu Wien 1872