

NOTE:

- If a candidate answers a question/vraag **TWICE**, only mark the **FIRST** attempt.
- Consistent accuracy applies in all aspects of the marking memorandum.

LET WEL:

- Indien 'n kandidaat 'n vraag **TWEE** keer beantwoord, merk slegs die **EERSTE** poging.
- Volgehoue akkuraatheid is **DEURGAANS** in **ALLE** aspekte van die memorandum van toepassing.

QUESTION/VRAAG 1

1.1.1	$3x^2 - 4x = 0$ $x(3x - 4) = 0$ $x = \frac{4}{3}$ or $x = 0$	✓ factors ✓ both answers (2)
1.1.2	$x - 6 + \frac{2}{x} = 0$ $x^2 - 6x + 2 = 0$ $x = \frac{-(-6) \pm \sqrt{(-6)^2 - 4(1)(2)}}{2(1)}$ $= \frac{6 \pm \sqrt{28}}{2}$ $x = 0,35$ or $x = 5,65$ OR $x - 6 + \frac{2}{x} = 0$ $x^2 - 6x + 2 = 0$ $(x - 3)^2 = -2 + 9$ $(x - 3) = \pm\sqrt{7}$ $x = 3 \pm \sqrt{7}$ $x = 0,35$ or $x = 5,65$	✓ $x^2 - 6x + 2 = 0$ ✓ subs into correct formula ✓ $x = 0,35$ ✓ $x = 5,65$ (4)
1.1.3	$x^{\frac{2}{3}} = 4; x > 0$ $x = (2^2)^{\frac{3}{2}}$ $x = 8$ OR	✓ $x = (2^2)^{\frac{3}{2}}$ ✓ $x = 8$ (2)

Mathematics Grade 12 Exemplar

Xiang Xie



Mathematics Grade 12 Exemplar:

Uncover the mysteries within Explore with is enigmatic creation, Embark on a Mystery with **Mathematics Grade 12 Exemplar** . This downloadable ebook, shrouded in suspense, is available in a PDF format (Download in PDF: *). Dive into a world of uncertainty and anticipation. Download now to unravel the secrets hidden within the pages.

<https://splashdogs.com/files/scholarship/fetch.php/Lowfat%20Chicken%20And%20Noodles%20Recipe.pdf>

Table of Contents Mathematics Grade 12 Exemplar

1. Understanding the eBook Mathematics Grade 12 Exemplar
 - The Rise of Digital Reading Mathematics Grade 12 Exemplar
 - Advantages of eBooks Over Traditional Books
2. Identifying Mathematics Grade 12 Exemplar
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Mathematics Grade 12 Exemplar
 - User-Friendly Interface
4. Exploring eBook Recommendations from Mathematics Grade 12 Exemplar
 - Personalized Recommendations
 - Mathematics Grade 12 Exemplar User Reviews and Ratings
 - Mathematics Grade 12 Exemplar and Bestseller Lists
5. Accessing Mathematics Grade 12 Exemplar Free and Paid eBooks
 - Mathematics Grade 12 Exemplar Public Domain eBooks
 - Mathematics Grade 12 Exemplar eBook Subscription Services
 - Mathematics Grade 12 Exemplar Budget-Friendly Options
6. Navigating Mathematics Grade 12 Exemplar eBook Formats

-
- ePub, PDF, MOBI, and More
 - Mathematics Grade 12 Exemplar Compatibility with Devices
 - Mathematics Grade 12 Exemplar Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Mathematics Grade 12 Exemplar
 - Highlighting and Note-Taking Mathematics Grade 12 Exemplar
 - Interactive Elements Mathematics Grade 12 Exemplar
 8. Staying Engaged with Mathematics Grade 12 Exemplar
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Mathematics Grade 12 Exemplar
 9. Balancing eBooks and Physical Books Mathematics Grade 12 Exemplar
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Mathematics Grade 12 Exemplar
 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
 11. Cultivating a Reading Routine Mathematics Grade 12 Exemplar
 - Setting Reading Goals Mathematics Grade 12 Exemplar
 - Carving Out Dedicated Reading Time
 12. Sourcing Reliable Information of Mathematics Grade 12 Exemplar
 - Fact-Checking eBook Content of Mathematics Grade 12 Exemplar
 - Distinguishing Credible Sources
 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

Mathematics Grade 12 Exemplar Introduction

In today's digital age, the availability of Mathematics Grade 12 Exemplar books and manuals for download has revolutionized the way we access information. Gone are the days of physically flipping through pages and carrying heavy textbooks or manuals. With just a few clicks, we can now access a wealth of knowledge from the comfort of our own homes or on the go. This article will explore the advantages of Mathematics Grade 12 Exemplar books and manuals for download, along with some popular platforms that offer these resources. One of the significant advantages of Mathematics Grade 12 Exemplar books and manuals for download is the cost-saving aspect. Traditional books and manuals can be costly, especially if you need to purchase several of them for educational or professional purposes. By accessing Mathematics Grade 12 Exemplar versions, you eliminate the need to spend money on physical copies. This not only saves you money but also reduces the environmental impact associated with book production and transportation. Furthermore, Mathematics Grade 12 Exemplar books and manuals for download are incredibly convenient. With just a computer or smartphone and an internet connection, you can access a vast library of resources on any subject imaginable. Whether you're a student looking for textbooks, a professional seeking industry-specific manuals, or someone interested in self-improvement, these digital resources provide an efficient and accessible means of acquiring knowledge. Moreover, PDF books and manuals offer a range of benefits compared to other digital formats. PDF files are designed to retain their formatting regardless of the device used to open them. This ensures that the content appears exactly as intended by the author, with no loss of formatting or missing graphics. Additionally, PDF files can be easily annotated, bookmarked, and searched for specific terms, making them highly practical for studying or referencing. When it comes to accessing Mathematics Grade 12 Exemplar books and manuals, several platforms offer an extensive collection of resources. One such platform is Project Gutenberg, a nonprofit organization that provides over 60,000 free eBooks. These books are primarily in the public domain, meaning they can be freely distributed and downloaded. Project Gutenberg offers a wide range of classic literature, making it an excellent resource for literature enthusiasts. Another popular platform for Mathematics Grade 12 Exemplar books and manuals is Open Library. Open Library is an initiative of the Internet Archive, a non-profit organization dedicated to digitizing cultural artifacts and making them accessible to the public. Open Library hosts millions of books, including both public domain works and contemporary titles. It also allows users to borrow digital copies of certain books for a limited period, similar to a library lending system. Additionally, many universities and educational institutions have their own digital libraries that provide free access to PDF books and manuals. These libraries often offer academic texts, research papers, and technical manuals, making them invaluable resources for students and researchers. Some notable examples include MIT OpenCourseWare, which offers free access to course materials from the Massachusetts Institute of Technology, and the Digital Public Library of America, which provides a vast collection of digitized books and historical documents. In conclusion, Mathematics Grade 12 Exemplar books

and manuals for download have transformed the way we access information. They provide a cost-effective and convenient means of acquiring knowledge, offering the ability to access a vast library of resources at our fingertips. With platforms like Project Gutenberg, Open Library, and various digital libraries offered by educational institutions, we have access to an ever-expanding collection of books and manuals. Whether for educational, professional, or personal purposes, these digital resources serve as valuable tools for continuous learning and self-improvement. So why not take advantage of the vast world of Mathematics Grade 12 Exemplar books and manuals for download and embark on your journey of knowledge?

FAQs About Mathematics Grade 12 Exemplar Books

What is a Mathematics Grade 12 Exemplar PDF? A PDF (Portable Document Format) is a file format developed by Adobe that preserves the layout and formatting of a document, regardless of the software, hardware, or operating system used to view or print it. **How do I create a Mathematics Grade 12 Exemplar PDF?** There are several ways to create a PDF: Use software like Adobe Acrobat, Microsoft Word, or Google Docs, which often have built-in PDF creation tools. Print to PDF: Many applications and operating systems have a "Print to PDF" option that allows you to save a document as a PDF file instead of printing it on paper. Online converters: There are various online tools that can convert different file types to PDF. **How do I edit a Mathematics Grade 12 Exemplar PDF?** Editing a PDF can be done with software like Adobe Acrobat, which allows direct editing of text, images, and other elements within the PDF. Some free tools, like PDFescape or Smallpdf, also offer basic editing capabilities. **How do I convert a Mathematics Grade 12 Exemplar PDF to another file format?** There are multiple ways to convert a PDF to another format: Use online converters like Smallpdf, Zamzar, or Adobe Acrobats export feature to convert PDFs to formats like Word, Excel, JPEG, etc. Software like Adobe Acrobat, Microsoft Word, or other PDF editors may have options to export or save PDFs in different formats. **How do I password-protect a Mathematics Grade 12 Exemplar PDF?** Most PDF editing software allows you to add password protection. In Adobe Acrobat, for instance, you can go to "File" -> "Properties" -> "Security" to set a password to restrict access or editing capabilities. Are there any free alternatives to Adobe Acrobat for working with PDFs? Yes, there are many free alternatives for working with PDFs, such as: LibreOffice: Offers PDF editing features. PDFsam: Allows splitting, merging, and editing PDFs. Foxit Reader: Provides basic PDF viewing and editing capabilities. How do I compress a PDF file? You can use online tools like Smallpdf, ILovePDF, or desktop software like Adobe Acrobat to compress PDF files without significant quality loss. Compression reduces the file size, making it easier to share and download. Can I fill out forms in a PDF file? Yes, most PDF viewers/editors like Adobe Acrobat, Preview (on Mac), or various online tools allow you to fill out forms in PDF files by selecting text fields and entering information. Are there any restrictions when working with PDFs? Some PDFs might have restrictions set by

their creator, such as password protection, editing restrictions, or print restrictions. Breaking these restrictions might require specific software or tools, which may or may not be legal depending on the circumstances and local laws.

Find Mathematics Grade 12 Exemplar :

lowfat chicken and noodles recipe

m audio oxygen 8 v2 keyboard

~~lt213 bobcat service manual~~

lumix dmc ts3 manual

lowdermilk maternity study guide

m code for through coolant on fagor

lucas k2f magneto repair manual

lvaluation croise regards katia horber papazian

lumix gx1 owners manual

~~low fat ranch dressing recipe~~

lust seven deadly sins book english edition

lug nut torque spec guide

~~lucky guide to mastering any style~~

lumix zs7 owners manual

lunch money chaptersummary

Mathematics Grade 12 Exemplar :

ll m maritime law nus faculty of law - Mar 09 2023

web with the support and encouragement of the faculty and the maritime and port authority of singapore mpa the ll m maritime law programme for law graduates together with its companion programme the graduate diploma in maritime law

admiralty law wikipedia - Apr 10 2023

web admiralty law or maritime law is a body of law that governs nautical issues and private maritime disputes admiralty law consists of both domestic law on maritime activities and private international law governing the relationships between private parties operating or using ocean going ships

regulations advisory maritime port authority of singapore - Oct 16 2023

web the maritime legislation of singapore include acts of parliament in singapore that affect the port of singapore and ships registered under the singapore flag as an important international maritime centre much of the singapore legislation is transposed from imo maritime conventions to be more consistent with international maritime standards

about us centre for maritime law - Feb 08 2023

web the centre for maritime law cml at the nus faculty of law is a research centre sponsored in collaboration with the maritime port authority of singapore mpa and the nus law vision project minlaw the centre leverages on singapore s status as the second busiest port in the world and the leading international maritime centre imc in

maritime law definition history examples facts britannica - Sep 15 2023

web nov 6 2023 maritime law the body of legal rules that governs ships and shipping in english speaking countries admiralty is sometimes used synonymously but in a strict sense the term refers to the jurisdiction and procedural law of courts whose origins may be traced to the office of admiral

home page centre for maritime law - Jun 12 2023

web home page centre for maritime law highlights singapore shipping law forum 2023 principle and pragmatism and their navigation in the international waters of shipping shipping law is a wonderful subject it is as old as the hills or seas it is subject to all the vicissitudes of the elements of human life and international events

maritime law in singapore and beyond its origins influence nus law - May 11 2023

web maritime law in singapore and beyond its origins influence and importance justice steven chong 1 introduction singapore as a leading maritime hub believe many of us here today have in the course of our careers been involved in one form or another in the maritime industry

singapore sal - Jul 13 2023

web accredited specialists in maritime and shipping law to assist the legal industry and consumers of legal services in identifying suitable singapore lawyers with proven expertise in maritime and shipping law the specialist accreditation scheme was introduced by the singapore academy of law in 2017 the

maritime lawyers organisation maritime law association - Jan 07 2023

web members of the mlas may participate in the development of maritime law for example by making their personal views or the view of their industry sector known to the mlas who will endeavour to present a balanced view of maritime interests in singapore to the comite maritime international cmi and other associations concerned with the making or

what is maritime aka admiralty law and why is it important - Aug 14 2023

web aug 3 2022 maritime law also known as admiralty law is a body of laws conventions and treaties that govern private maritime business and other nautical matters such as shipping or offenses

sample recruiter letter reynolds resource - Dec 28 2021

web 2 sample recruiter letter reynolds resource 2022 12 26 his family like letters from a man named mando on death row like finding out this man could be the father your mother said was dead soon juan and jd are embarking on a thelma and louise like road trip to visit mando juan will finally meet his dad jd has a perfect subject for his

sample recruiter letter reynolds resource pdf full pdf - Jan 29 2022

web enter the realm of sample recruiter letter reynolds resource pdf a mesmerizing literary masterpiece penned with a distinguished author guiding readers on a profound journey to unravel the secrets and potential

how to answer a recruiter email with templates and example - Jun 02 2022

web apr 11 2023 if a recruiter contacts you from indeed their email will have a subject line that begins with their name or the company s name followed by sent you a message about your resume on indeed for example if a recruiter from bank of america contacted you from indeed s hiring platform you might receive an email with the subject line cassie

how to respond to a recruiter email examples resume com - Oct 06 2022

web sep 23 2019 here are several steps to follow to prepare an effective response to a recruiter 1 first establish the recruiter s credibility the first thing you should do before ever responding to a recruiter is to verify their credibility doing some brief research on business oriented social media platforms can help you discover more about them

sample recruiter letter reynoldsresource com - Aug 16 2023

web reynolds resource group llc all rights reserved sample letter to a recruiter date name title company address city state zip salutation if you have a client seeking a person with exceptional development skills i d like to make a case for myself in the *get the free sample recruiter letter reynolds resource pdf filler* - Jul 15 2023

web get the free sample recruiter letter reynolds resource description sample letter to a recruiter date name title company address city state zip salutation if you have a client seeking a person with exceptional development skills i d like to

sample recruiter letter reynolds resource - Feb 27 2022

web comprehending as skillfully as pact even more than further will allow each success next to the pronouncement as with ease as perception of this sample recruiter letter reynolds resource can be taken as without difficulty as picked to act sample recruiter letter reynolds resource 2022 09 02 maldonado carrillo cover letter magic xlibris

sample recruiter letter reynolds resource pdf uniport edu - Nov 07 2022

web jun 14 2023 sample recruiter letter reynolds resource 1 6 downloaded from uniport edu ng on june 14 2023 by guest sample recruiter letter reynolds resource right here we have countless books sample recruiter letter reynolds resource and collections to check out we additionally manage to pay for variant types and then type of

sample recruiter letter reynolds resource pdf hipertexto - Jan 09 2023

web you could purchase guide sample recruiter letter reynolds resource pdf or acquire it as soon as feasible you could quickly download this sample recruiter letter reynolds resource pdf after getting

[how to write a recruitment letter winning template](#) - Mar 11 2023

web apr 12 2023 is a recruitment letter the same thing as a cover letter a recruitment letter is not the same thing as a cover letter although they have some similarities a recruitment letter focuses on convincing potential candidates to join your organization and highlights why the role is right for them

sample recruiter letter reynolds resource pdf free red ortax - Sep 05 2022

web sample recruiter letter reynolds resource pdf pages 2 26 sample recruiter letter reynolds resource pdf upload mia m murray 2 26 downloaded from red ortax org on september 3 2023 by mia m murray reps or working in the airline industry it initially sets the scene with a broad review of the evidence of

sample recruiter letter reynolds resource pdf uniport edu - May 13 2023

web features more than 150 sample cover letters written for all types of job seekers including the before and after transformations that can make boring letters fabulous

email to recruiter 14 examples and template flowrite - Feb 10 2023

web 14 recruiting email examples ever wanted to know how to write effective emails to a recruiter here we provide 14 yes 14 recruiting email samples covering almost every situation you can imagine if you can t find the example you need head to the end where we provide a completely customizable template

[sample recruiter letter reynolds resource copy uniport edu](#) - Mar 31 2022

web apr 23 2023 sample recruiter letter reynolds resource 2 7 downloaded from uniport edu ng on april 23 2023 by guest the field of human resources management in the early part of her career she taught courses such as business management organizational behavior and human resources practices to adult learners at

[recruiter human resources cover letter examples kickresume](#) - May 01 2022

web apr 22 2022 in this guide we will teach you 5 easy steps for writing a recruiter cover letter keep reading to learn all about how to create your recruiter cover letter header headline personalize the content greeting of your recruiter cover letter construct a compelling recruiter cover letter introduction

[recruiter cover letter sample and guide for recruiting jobs zety](#) - Aug 04 2022

web aug 23 2023 2 create a winning recruiter cover letter header start your cover letter with your name add other info like your job title email phone and linkedin 87 of recruiters use linkedin to screen applicants use the same cover letter heading and resume heading

[sample recruiter letter reynolds resource pdf pdf](#) - Apr 12 2023

web title sample recruiter letter reynolds resource pdf pdf digitalworkgroup skidmore edu created date 9 15 2023 5 25 24 pm

pdf sample recruiter letter reynolds resource - Jun 14 2023

web download and install the sample recruiter letter reynolds resource it is enormously simple then in the past currently we extend the link to purchase and make bargains to download and install sample recruiter letter reynolds resource hence simple new scientist 2002

recruiter cover letter example and template for 2023 indeed - Dec 08 2022

web aug 22 2023 in this article we explain how to write a recruiter cover letter list some skills you could mention in your letter and share a sample letter that could serve as inspiration to you when you re ready to apply to recruiter jobs upload a *sample recruiter letter reynolds resource pdf uniport edu* - Jul 03 2022

web feb 25 2023 sample recruiter letter reynolds resource as you such as by searching the title publisher or authors of guide you in reality want you can discover them rapidly

a menina sem qualidades juli zeh por gisele - Apr 13 2023

web sep 20 2018 comentários sobre o livro a menina sem qualidades de juli zeh traduzido por marcelo backes e publicado pela record informações para participar do concurs

a menina sem qualidades de juli zeh shereland - Aug 05 2022

web ada é uma menina muito inteligente e desajustada daquelas que não têm amigos no colégio um dia chega em sua sala alev um menino muito mais velho e encantador que além de inteligente tem todos na palma da mão

a menina sem qualidades juli zeh skoob - Jan 10 2023

web sep 23 2013 a menina sem qualidades juli zeh a menina sem qualidades 4 2 149 avaliações resenhas 10 abandonos 29 relendo 2 querem ler 1 151 lendo 46 leram 238 favoritos 53 desejados 367 trocam 2 avaliaram 149 ada e alev se conhecem na escola ernst bloch e descobrem muitas coisas em comum

livro da alemã juli zeh inspira nova série da mtv brasil - Mar 12 2023

web jun 3 2013 em a menina sem qualidades diretor felipe hirsch leva para a televisão o livro da alemã juli zeh e mostra entre poesia e desespero conflitos profundos e comuns entre jovens foto

a menina sem qualidades rascunho - Jul 04 2022

web jul 2 2012 chama se a menina sem qualidades da autora alemã juli zeh o título nacional faz menção ao romance de robert musil o homem sem qualidades mas ao fim do livro as notas de tradução do ótimo marcelo backes elucidam o título original spieltrieb pulsão de jogo

menina sem qualidades abebooks - Sep 06 2022

web a menina sem qualidades spieltrieb português do brasil by juli zeh and a great selection of related books art and collectibles available now at abebooks.com

a menina sem qualidades wikiwand - Dec 09 2022

web a menina sem qualidades é uma minissérie brasileira produzida e transmitida pela mtv brasil conta com a coprodução dos estúdios quanta em parceria com a quanta post a série estreou em 27 de maio de 2013 e é uma adaptação do romance alemão spieltrieb

menina sem qualidades a amazon com br - Jul 16 2023

web compre online menina sem qualidades a de juli zeh na amazon frete grátis em milhares de produtos com o amazon prime encontre diversos livros escritos por juli zeh com ótimos preços

resenha a menina sem qualidades reino literário br - Oct 07 2022

web 15 00 a menina sem qualidades editora record juli zeh literatura alemã marcelo backes resenha resenhas romance ada e alev se conhecem na escola ernst bloch e descobrem muitas coisas em comum a afinidade entre eles

a menina sem qualidades hey sorria - May 02 2022

web jun 14 2013 todas as frases de a menina sem qualidades postadas aqui você confere aqui frases a menina sem qualidades 11 06 2013 12 01 2014 andresa lunardelli a menina sem qualidades sinopse a menina sem qualidades juli zeh ada e alev se conhecem na escola ernst bloch e descobrem muitas coisas em comum a afinidade

menina sem qualidades a amazon com br - Jun 15 2023

web compre online menina sem qualidades a de zeh na amazon frete grátis em milhares de produtos com o amazon prime encontre diversos livros escritos por zeh com ótimos preços

a menina sem qualidades tv mini series 2013 imdb - Nov 08 2022

web adaptation of a novel by juli zeh ana is a sixteen year old daughter of separated parents who was expelled from high school for assaulting a student very clever she often comes into conflict with her teachers her behavior makes her lonely until she meets alex a manipulative boy of eighteen the son of a lebanese father and a brazilian

juli zeh a menina sem qualidades uwe timm - Jan 30 2022

web feb 26 2023 spinnen in einer laudatio auf juli zeh 1974 sie wird als politisch engagierte autorin wahrgenommen die sich in öffentliche debatten einmischt mit unterleuten hat juli zeh einen vielbeachteten gesellschaftsroman vorgelegt ein bestseller der als dreiteiler im zdf filmisch adaptiert wurde zeh wird zudem oftmals

a menina sem qualidades tv mini series 2013 imdb - May 14 2023

web a menina sem qualidades with bianca comparato eduardo oliveira luna martinelli rodrigo pavon adaptation of a novel by juli zeh

a menina sem qualidades 1ªed 2009 juli zeh livro - Feb 11 2023

web a menina sem qualidades 1ªed 2009 juli zeh livro livros literatura e ficção literatura estrangeira a menina sem qualidades 1ªed 2009 autor juli zeh editora record saiba mais produto indisponível objeto de desejo ada e alev se conhecem na escola ernst bloch e descobrem muitas coisas em comum

a menina sem qualidades juli zeh mercadolive - Feb 28 2022

web frete grátis no dia compre a menina sem qualidades juli zeh parcelado sem juros saiba mais sobre nossas incríveis ofertas e promoções em milhões de produtos

a menina sem qualidades juli zeh mercadolive - Apr 01 2022

web frete grátis no dia compre a menina sem qualidades juli zeh parcelado sem juros saiba mais sobre nossas incríveis ofertas e promoções em milhões de produtos

eu sublinho a menina sem qualidades spieltrieb - Jun 03 2022

web o mega romance do também alemão robert musil o homem sem qualidades um romance que embora tenha mais de 2000 páginas soberbas é inacabado é analisado na escola que ada frequenta durante toda a trama o que permite reconhecer que como a obra de musil juli zeh faz uma síntese de seu tempo

livro a menina sem qualidades juli zeh estante virtual - Sep 18 2023

web compre a menina sem qualidades de juli zeh no maior acervo de livros do brasil as mais variadas edições novas semi novas e usadas pelo melhor preço

a menina sem qualidades wikipédia a enciclopédia livre - Aug 17 2023

web a menina sem qualidades é uma minissérie brasileira produzida e transmitida pela mtv brasil conta com a coprodução dos estúdios quanta em parceria com a quanta post a série estreou em 27 de maio de 2013 e é uma adaptação do romance alemão spieltrieb