

Alain Jean-Marie (Ed.)

Advances in Computing Science – ASIAN 2002

Internet-Computing and Modeling,
Grid Computing, Peer-to-Peer Computing,
and Cluster Computing

7th Asian Computing Science Conference
Hanoi, Vietnam, December 2002
Proceedings



Springer

LNC5 2550

Advances In Computing Science Asian 2002

Terry C. Jones



Advances In Computing Science Asian 2002:

Delve into the emotional tapestry woven by in Experience **Advances In Computing Science Asian 2002** . This ebook, available for download in a PDF format (Download in PDF: *), is more than just words on a page; itis a journey of connection and profound emotion. Immerse yourself in narratives that tug at your heartstrings. Download now to experience the pulse of each page and let your emotions run wild.

<https://enterpriseenrollment.cruiselady.com/results/virtual-library/default.aspx/Ancient%20Witches%20In%20Greece%20And%20Rome.pdf>

Table of Contents Advances In Computing Science Asian 2002

1. Understanding the eBook Advances In Computing Science Asian 2002
 - The Rise of Digital Reading Advances In Computing Science Asian 2002
 - Advantages of eBooks Over Traditional Books
2. Identifying Advances In Computing Science Asian 2002
 - 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 Advances In Computing Science Asian 2002
 - User-Friendly Interface
4. Exploring eBook Recommendations from Advances In Computing Science Asian 2002
 - Personalized Recommendations
 - Advances In Computing Science Asian 2002 User Reviews and Ratings
 - Advances In Computing Science Asian 2002 and Bestseller Lists
5. Accessing Advances In Computing Science Asian 2002 Free and Paid eBooks
 - Advances In Computing Science Asian 2002 Public Domain eBooks
 - Advances In Computing Science Asian 2002 eBook Subscription Services

- Advances In Computing Science Asian 2002 Budget-Friendly Options
- 6. Navigating Advances In Computing Science Asian 2002 eBook Formats
 - ePub, PDF, MOBI, and More
 - Advances In Computing Science Asian 2002 Compatibility with Devices
 - Advances In Computing Science Asian 2002 Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Advances In Computing Science Asian 2002
 - Highlighting and Note-Taking Advances In Computing Science Asian 2002
 - Interactive Elements Advances In Computing Science Asian 2002
- 8. Staying Engaged with Advances In Computing Science Asian 2002
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Advances In Computing Science Asian 2002
- 9. Balancing eBooks and Physical Books Advances In Computing Science Asian 2002
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Advances In Computing Science Asian 2002
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Advances In Computing Science Asian 2002
 - Setting Reading Goals Advances In Computing Science Asian 2002
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Advances In Computing Science Asian 2002
 - Fact-Checking eBook Content of Advances In Computing Science Asian 2002
 - 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

Advances In Computing Science Asian 2002 Introduction

In the digital age, access to information has become easier than ever before. The ability to download Advances In Computing Science Asian 2002 has revolutionized the way we consume written content. Whether you are a student looking for course material, an avid reader searching for your next favorite book, or a professional seeking research papers, the option to download Advances In Computing Science Asian 2002 has opened up a world of possibilities. Downloading Advances In Computing Science Asian 2002 provides numerous advantages over physical copies of books and documents. Firstly, it is incredibly convenient. Gone are the days of carrying around heavy textbooks or bulky folders filled with papers. With the click of a button, you can gain immediate access to valuable resources on any device. This convenience allows for efficient studying, researching, and reading on the go. Moreover, the cost-effective nature of downloading Advances In Computing Science Asian 2002 has democratized knowledge. Traditional books and academic journals can be expensive, making it difficult for individuals with limited financial resources to access information. By offering free PDF downloads, publishers and authors are enabling a wider audience to benefit from their work. This inclusivity promotes equal opportunities for learning and personal growth. There are numerous websites and platforms where individuals can download Advances In Computing Science Asian 2002. These websites range from academic databases offering research papers and journals to online libraries with an expansive collection of books from various genres. Many authors and publishers also upload their work to specific websites, granting readers access to their content without any charge. These platforms not only provide access to existing literature but also serve as an excellent platform for undiscovered authors to share their work with the world. However, it is essential to be cautious while downloading Advances In Computing Science Asian 2002. Some websites may offer pirated or illegally obtained copies of copyrighted material. Engaging in such activities not only violates copyright laws but also undermines the efforts of authors, publishers, and researchers. To ensure ethical downloading, it is advisable to utilize reputable websites that prioritize the legal distribution of content. When downloading Advances In Computing Science Asian 2002, users should also consider the potential security risks associated with online platforms. Malicious actors may exploit vulnerabilities in unprotected websites to distribute malware or steal personal information. To protect themselves, individuals should ensure their devices have reliable antivirus software installed and validate the legitimacy of the websites they are downloading from. In conclusion, the ability to download Advances In Computing Science Asian 2002 has transformed the way we access information. With the convenience, cost-effectiveness, and accessibility it offers, free PDF downloads have become a popular choice for students, researchers, and book lovers worldwide. However, it is crucial to

engage in ethical downloading practices and prioritize personal security when utilizing online platforms. By doing so, individuals can make the most of the vast array of free PDF resources available and embark on a journey of continuous learning and intellectual growth.

FAQs About Advances In Computing Science Asian 2002 Books

1. Where can I buy Advances In Computing Science Asian 2002 books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
3. How do I choose a Advances In Computing Science Asian 2002 book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
4. How do I take care of Advances In Computing Science Asian 2002 books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.
6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.
7. What are Advances In Computing Science Asian 2002 audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores. Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.

9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.
10. Can I read Advances In Computing Science Asian 2002 books for free? Public Domain Books: Many classic books are available for free as they're in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

Find Advances In Computing Science Asian 2002 :

[ancient witches in greece and rome](#)

[andre kertesz sixty 60 years of photography](#)

anastasia syndrome collection

and you can come too

[anatomy of a trade dispute a documentary history of the kodakfuji film dispute](#)

[ancient italy journey in search of works of art and the principal archaeological sites](#)

[ancient romances a literary-historical account of their origins sather classical lectures no. 37](#)

[anatomy of educational innovation](#)

[andersonville a story of rebel military](#)

ancient paths for modern women walking with the lord

andrea bocelli cieli di toscana

and the flames did not consume us a rabbis journey through communal crisis

and god gave women talents

anancy and the haunted house

ancient peruvian ceramics from the kehl and nena markley collection

Advances In Computing Science Asian 2002 :

[rotating cylinder hull cell comsol multiphysics](#) - Feb 15 2022

web the rotating cylinder hull rch cell provides an effective experimental tool to investigate electrodeposition since a wide range of current densities and controllable hydrodynamic conditions can be achieved in a single experiment

rotating machinery 3d tutorial comsol multiphysics - Mar 19 2022

web this comsol multiphysics application is a time dependent 3d problem it is a true time dependent model where the motion

of the rotor is accounted for in the boundary condition between the stator and rotor geometries for the solid non laminated rotor the conducting part is modeled using ampère s law $\mathbf{t} = \mu_0 \mathbf{j} \times \mathbf{n}$

how to rotate a cylinder geom and results in comsol - Sep 24 2022

web how to rotate a cylinder geom and results in comsol hi i am doing a simulation of a cylinder between two walls 2d using comsol i divided my simulation into two studies 1 study 1

how to model rotating machinery in 3d comsol blog - Jan 29 2023

web apr 30 2015 use the prescribed rotation feature to specify an angle of rotation which can be time dependent or the prescribed rotational velocity feature to enter a constant angular velocity after applying one of these features the comsol multiphysics software will enable moving mesh for the selected domains and the set up of the appropriate

how to simulate rotating cylinders in eulerian comsol - Oct 26 2022

web in comsol is there the possibility to do that i have tried rotating domain but the velocity on inner cylinder is zero and there is no rotating shaft as in mixture module of it can

rotate comsol multiphysics - Jul 03 2023

web rotation 2d settings in 2d specify an angle in degrees default 0 for the rotation to get several rotated objects enter a list of angles separated with commas or spaces or using the range function click the range button to define

modeling rotordynamics in comsol multiphysics - Feb 27 2023

web when designing machinery with rotating parts you need an efficient way to consider how the machine s behavior is affected by vibrations and its structure numerical simulation can help optimize the real world operation and performance in this archived webinar learn about modeling rotors and associated components using the comsol multiphysics

[rotating cylinder hull cell doc comsol com](#) - May 01 2023

web the rotating cylinder hull rch cell provides an effective experimental tool to investigate electrodeposition since a wide range of current densities and controllable hydrodynamic conditions can be achieved in a single experiment

[how do i simulate a rotating cylindrical wall with coefficient form](#) - Aug 24 2022

web jan 27 2015 just select the boundary of the cylinder as wall and specify the wall as moving then select rotating then put the rotating wall in rad sec cite 3 recommendations top contributors to

simulation of turbulent flow of a rotating cylinder electrode - Jun 21 2022

web this paper focuses on the effect of plates and a concentric cylinder used as counter electrodes on the turbulent flow of a rotating cylinder electrode rce four plate six plate and concentric cylinder counter electrodes were simulated

problem rotating a cylinder in cartesian coordinates comsol - May 21 2022

web apr 21 2022 the way i am describing the movement of the cylinder on the xy plane as $u_x = \sqrt{\omega} \cdot 2 \cdot \pi \cdot r \cdot 2 \cdot 2$ $u_y = \sqrt{\omega}$

$\omega = 2\pi r^2 \omega_z$ where ω is the rotating speed in frequency units $1/s$ as $u_x u_y$ where x, y, z understand is applying the magnitude of the u vector at every point of the domain as the

rotating cylinder hull cell comsol - Oct 06 2023

web rotating cylinder hull cells are an important experimental tool in electroplating and electrodeposition and are used for the measurement of nonuniform current distribution mass transport and throwing power of plating baths the model reproduces the results for a commercially available cell rotahull r as published in paper 1

how to fix rotating hollow cylinder comsol - Apr 19 2022

web nov 19 2021 the hollow cylinder lets call it a mold is used for centrifugal casting of steel where the liquid steel is pured on the inner side of the mould and solidifies the solidification is not uniform and the density distribution is not uniform thus the vibration arises

rotating cylinder comsol - Jul 23 2022

web oct 20 2009 hi what about rotatating the source rather than the cylinder apart from the minus sign in the velocity it should be the same if i understand you you have a 2d model x, y plane seen along the axis in z if your source is applied to the boundary you can delimit it with a boolean function for a certain angular width given an angular rotational

rotating cylinder comsol - Nov 26 2022

web mar 13 2012 i want to simulate a rotating cylinder filled with some fluid high density this cylinder is also rotating about some other axis i want to know structural analysis of cylinder 1 reply last post mar 13 2012 5 20 a m edt jaap verheggen send note that while comsol employees may participate in the discussion forum

cylinder comsol multiphysics - Aug 04 2023

web rotation angle specify the rotational angle about the axis in the rotation field when this angle is zero the default the second axis of the cylinder's local coordinate system is parallel to the xy plane coordinate system the coordinate system in which the position axis and rotation angles above are interpreted

comsol rotating cylinder in a fluid domain youtube - Sep 05 2023

web jul 21 2023 in this video i explain how to model a rotating cylinder in a fluid domain about press copyright contact us creators advertise developers terms privacy policy

[fluid motion between rotating concentric cylinders using comsol](#) - Mar 31 2023

web the 3 d geometry of concentric rotating cylinder system where the inner cylinder is rotating and outer cylinder is stationary was developed by using the comsol computational fluid dynamics cfd module for determination of the velocity and pressure profiles a typical meshed geometry is shown in figure 2 the model parameters are

fluid motion between rotating concentric cylinders using comsol - Dec 28 2022

web a fluid dynamics analysis of the velocity and pressure fields that occur in the annular gap between two concentric cylinders with a stationary outer cylinder and a rotating inner cylinder is presented

fluid motion between rotating concentric cylinders using comsol - Jun 02 2023

web when end effects are neglected an analytical solution to the equation of motion can be obtained for the fluid velocity and pressure profiles parameters that are varied include the radii of the inner and outer cylinders rotational speed of the inner cylinder and kinematic viscosity of the fluid

mississippi mpje study material flashcards quizlet - Sep 14 2023

web a study guide for taking the mpje pharmacy law exam learn with flashcards games and more for free

ms mpje first step gather needed information 75orbetter - Jun 30 2022

web sep 29 2018 ms mpje first step gather needed information i started my preparation process for the mississippi mpje the goal is to take and pass in the next 60 days in looking at the available days to schedule it appears end of october early november is the best time to take the exam

what types of questions are on the mpje rphbuddy - Mar 28 2022

web feb 6 2019 the mpje consists 120 computer adaptive questions delivered based on your response 20 of these questions will not be scored because mpje contains experimental questions being tested by nabp but you won t know which one wasn t used in calculating your score passing score on mpje is 75 on scaled score of 0 to 100

practice exam multistate pharmacy jurisprudence examination - May 10 2023

web score report questions are similar to the mpje and help you get acclimated to the format of the exam the practice exam encourages you to work efficiently and simulates mpje time requirements questions from previous versions of the mpje provide you with insight into the exam

multistate pharmacy jurisprudence examination mpje nabp - Jan 06 2023

web the mpje is a 2 5 hour exam composed of 120 computer based questions the exam uses adaptive technology to deliver selected response questions the exam results will be reported as pass or fail and candidates are allowed 5 attempts per

mpje practice exam free mpje test questions best test - Aug 01 2022

web mpje questions cover federal drug laws as well as the laws and regulations of the specific state that you are testing for our free mpje practice questions will help with your review of the federal laws and regulations try these 10 sample questions on our mpje practice exam to see if you are prepared for your test

free mpje practice tests practice tester - Aug 13 2023

web free 2023 mpje practice tests scored instantly online questions answers and solutions to pass the multistate pharmacy jurisprudence examination test practice tester

[free mpje study guide and resources 75orbetter](#) - Jul 12 2023

web the reason i recommend pharmacy exam practice tests is they provide an immediate review of the law after each question the practice material is five 30 question quizzes for a total of 150 questions

prempje exam or test to guide computer adaptive test mpje - Jan 26 2022

web mpje sample questions mpje study guide mpje exam mpje review mpje results mpje practice test mpje practice tests mpje florida mpje practice questions mpje test mpje scores mpje books mpje pharmacy law practice exam or study guide with real computer adaptive ability this test is computer adaptive like mpje questions are

free mpje exam computer adaptive test mpje sample questions - Nov 04 2022

web free mpje sample questions with explanations take a free full length 120 questions practice test for any state this free test is a computer adaptive test

mpje mississippi flashcards quizlet - Sep 02 2022

web study with quizlet and memorize flashcards containing terms like prescriptions for drugs which are controlled substances as defined by the mississippi uniform controlled substances law shall not be transferred which of the following statements is are true about renewing a pharmacist license i every pharmacist shall renew his license

free mpje practice questions rphbuddy - Feb 24 2022

web valid for 90 days 200 practice questions 100 flash cards content matches mpje blueprint federal and state specific topics exam style questions select state pharmacy law simplified rph buddy pharmacy exam prep is the best way to ensure cover mpje blue print topics

sample questions nabp - Feb 07 2023

web represent content areas on the mpje every examinee is presented with the opportunity to take a tutorial at the testing center prior to initiating the mpje the tutorial instructs examinees on how to respond to all of the types of questions that could be presented on the examination we strongly encourage each examinee to take

free online mpje test guide mississippi youth4work - Oct 03 2022

web looking for mpje mississippi practice test questions that are asked in mpje multistate pharmacy jurisprudence examination exam go to youth4work com and practice unlimited mpje mississippi practice test questions and much more to boost your mpje mississippi practice test preparation

mississippi pharmacy exam - Apr 09 2023

web november 1 2022 description 172 questions with answers and complete explanations a useful practice test for preparation of mississippi pharmacy law mpje review the online access version can be run on all devices including ipad iphone android based tablets and phones window and mac based laptops and desktops

mississippi mpje flashcards quizlet - Jun 11 2023

web examinations naplex and mpje must score at least 75 may repeat exam but not take more than 4 times if pass exam must get license with in 2 years also practical hours expire after 2 years practical experience requirement extern intern total hours 1600 hrs

how to study for the mpje and pass on your first try - Dec 05 2022

web feb 10 2021 how many questions are on the mpje the mpje is administered by the national association of boards of pharmacy nabp each state s version of the test is 120 questions and the test uses adaptive response technology to choose the next questions based on the correctness of previous responses

mpje sample questions mpje practice tests - Mar 08 2023

web mpje practice tests mpje sample questions mpje study guide mpje exam mpje review mpje results mpje florida mpje practice questions mpje test mpje scores mpje books mpje pharmacy law practice exam or study guide with real computer adaptive ability this test is computer adaptive like mpje questions are based on the

mississippi mpje study guide rx pharmacy exam - May 30 2022

web this test is designed to assess your knowledge of applicable state and jurisdiction laws and regulations this exam is difficult and will require in depth knowledge of relevant legal requirements our mississippi mpje study guide will cover the most commonly asked questions and lead you to success

the complete guide to the mpje exam information uworld - Apr 28 2022

web of the 120 questions 100 are used to determine your exam result and 20 are experimental pretest questions dispersed throughout the exam that do not count toward the final score pretest questions are evaluated for use in future exams and it is impossible to determine which questions are experimental and which are not

ramona quimby age 8 houghton mifflin comprehension pdf - Feb 23 2023

web mar 31 2022 ramona quimby age 8 by beverly cleary 1993 houghton mifflin company edition paperback in english houghton mifflin edition

ramona quimby age 8 houghton mifflin comprehension - Mar 15 2022

web march 29th 2018 ramona quimby age 8 comprehension test pdf free download here ramona quimby age 8 create ramona quimby age 8 ocesd houghton mifflin

ramona quimby age 8 worksheets and literature unit edhelper - Sep 01 2023

use these for a class discussion or as an assessment tool if students answer in writing 1 why did ramona s opinion of yard ape change at first she didn t like see more

ramona quimby age 8 suggested time 5 days yumpu - Jul 19 2022

web ramona quimby age 8 suggested time 5 days en english deutsch français español português italiano român nederlands latina dansk svenska norsk magyar bahasa

ramona quimby age 8 houghton mifflin comprehension - Nov 10 2021

web ramona quimby age 8 houghton mifflin comprehension ramona quimby age 8 houghton mifflin comprehension ramona quimby age 8 worksheets dealog de

ramona quimby age 8 amazon co uk books - Sep 20 2022

web one of the most popular and honored authors of all time beverly cleary has won the newbery medal for dear mr henshaw and both ramona quimby age 8 and ramona

ramona quimby age 8 reading rockets - Jun 29 2023

web free ramona quimby age 8 worksheets and literature unit for teachers activities vocabulary and quizzes edhelper com free ramona quimby age 8 study unit

ramona quimby age 8 houghton mifflin comprehension - Jan 13 2022

web ramona quimby age 8 houghton mifflin comprehension vocabulary houghton mifflin ramona quimby age 8 practice book ramona quimby age 8 pp 367w 399n

ramona quimby age 8 1993 edition open library - Apr 27 2023

web ramona is ready for the challenges of a new school without her older sister it s a year of change for the quimby family and if everyone else can adjust so can ramona the

ramona quimby age 8 houghton mifflin comprehension - Apr 15 2022

web just about educational session recreation as expertly as contract can be gotten by just checking out a book ramona quimby age 8 houghton mifflin

ramona quimby age 8 houghton mifflin vocabulary - Feb 11 2022

web ramona quimby age 8 beverly cleary 2009 10 06 in this edition of the newbery honor book ramona quimby age 8 the timeless classic features a special foreword written

ramona quimby age 8 houghton mifflin comprehension - May 17 2022

web alongside the ramona series houghton mifflin ramona quimby age 8 practice book ebooks in pdf mobi epub with isbn isbn785458 and file size is about 59 mb labels

ramona quimby age 8 ramona 6 by beverly cleary - Dec 24 2022

web ramona quimby age 8 by beverly cleary illustrated by alan tiegreen jun 21 2021 a book guide to introduce the book and the author in four sessions with mini lessons on

ramona quimby age 8 activities houghton mifflin uniport edu - Dec 12 2021

web jun 25 2023 right here we have countless books ramona quimby age 8 activities houghton mifflin and collections to check out we additionally find the money for variant

ramona quimby age 8 suggested time 5 days yumpu - Oct 22 2022

web ramona quimby age 8 suggested time 5 days en english deutsch français español portuguêis italiano român nederlands latina dansk svenska norsk magyar bahasa

ramona quimby age 8 houghton mifflin comprehension - Jun 17 2022

web ramona quimby age 8 houghton mifflin comprehension ramona quimby age 8 houghton mifflin comprehension ramona quimby age 8 houghton mifflin pdf

ramona quimby age 8 rif org reading is fundamental - Mar 27 2023

web browse ramona quimby age 8 houghton mifflin resources on teachers pay teachers a marketplace trusted by millions of teachers for original educational resources

ramona quimby age 8 suggested time 5 days yumpu - Aug 20 2022

web ramona quimby age 8 suggested time 5 days attention your epaper is waiting for publication by publishing your document the content will be optimally indexed by

ramona quimby age 8 comprehension questions - Jul 31 2023

ramona quimby is like most third graders funny curious and trying to spread her wings here are a variety of ideas involving comprehension new vocabulary see more

ramona quimby age 8 ramona series - Nov 22 2022

web ramona quimby age 8 1981 is a novel by beverly cleary in the ramona series ramona quimby is in the third grade now at a new school and making some new

ramona quimby age 8 houghton mifflin tpt - May 29 2023

web who is ramona quimby use at least three words to describe ramona quimby what grade is she in does ramona try to help her family financially explain ramona has

ramona quimby age 8 wikipedia - Jan 25 2023

web ramona quimby age 8 written by beverly cleary the newbery honor winning tale of ramona as she copes with family friends school and the other trials of turning eight

ramona quimby age 8 discussion questions - Oct 02 2023

use the word bank to choose vocabulary wordsto fill in the blanks of each sentence word bank yelped quivery bragged talking to commotion defiant scowled see more