

Horrorland tome 12 terreur a panik park Complete Guide

horrorland tome 12 terreur a panik park is a thrilling entry in the popular horror series that has captivated readers with its chilling stories and spine-tingling adventures. This installment transports readers into a nightmarish amusement park, where terror lurks behind every corner, and the line between reality and nightmare blurs. As part of the Horrorland series, Tome 12, titled "Terreur à Panik Park," continues to deliver the suspense, scares, and twists that fans have come to love. Whether you're a seasoned horror aficionado or new to the series, this book promises an adrenaline-pumping experience filled with mystery, danger, and surprises.

Overview of Horrorland Tome 12: Terreur à Panik Park

Plot Summary

"Terreur à Panik Park" centers around a group of teenagers who stumble upon an abandoned amusement park that has a sinister reputation. The park, once a lively attraction, is now shrouded in darkness and fear. As the protagonists explore the eerie grounds, they quickly realize that the park is not just haunted but alive with malevolent forces. Each ride and attraction hides a deadly secret, and the teens must navigate their way through the horrors to escape with their lives.

Main Characters

- **Alex Morgan** ? The brave and resourceful protagonist determined to uncover the truth behind Panik Park.
- **Sara Lee** ? Alex's cautious friend who has a keen eye for detail and helps decipher the park's dark history.
- **Max Carter** ? The comic relief, whose humor masks his fear but ultimately proves vital to the group's survival.
- **Detective Harris** ? A mysterious figure who has been investigating the park's strange happenings for years.

The Setting: Panik Park

The Haunted Amusement Park

Panik Park is depicted as a once-glorious amusement park that has fallen into decay and darkness.

Its dilapidated rides, abandoned game booths, and overgrown pathways create an atmosphere of dread. The park is designed to evoke nostalgia but is overshadowed by an ominous presence that makes visitors feel unwelcome and hunted.

The Atmosphere of Terror

The setting plays a crucial role in building suspense throughout the book. The eerie silence, flickering lights, and sinister shadows contribute to the horror ambiance. The park's attractions, like the haunted house, roller coaster, and funhouse, are reimagined as death traps, intensifying the sense of danger.

The Themes and Symbols in Horrorland Tome 12

Fear and Courage

The narrative explores how characters confront their fears in the face of real danger. Their bravery and teamwork are essential for survival, emphasizing that courage can overcome even the most terrifying circumstances.

The Power of Secrets

Panik Park holds many dark secrets, including its origins and the sinister forces that haunt it. Uncovering these secrets becomes a central quest for the protagonists, illustrating how truth can be both revealing and deadly.

Symbols of Horror

- **The Creepy Clown:** Represents childhood innocence corrupted by evil.
- **The Broken Ferris Wheel:** Symbolizes lost hope and the cycle of horror.
- **The Shadowy Figures:** Embodiment of the unseen threats lurking within the park.

Key Moments and Highlights

Discovery of the Park's Dark Past

One of the pivotal moments involves uncovering the history of Panik Park, revealing that it was built over an ancient burial ground. This revelation explains the park's supernatural activity and the origin of its malevolent forces.

Encounters with the Supernatural

The characters face various supernatural entities, including vengeful spirits and cursed rides. These encounters heighten tension and showcase the book's blend of horror and fantasy elements.

The Final Escape

The climax features a desperate race against time to escape from the park's deadly attractions. The protagonists must solve puzzles, confront their fears, and outsmart the park's sinister guardians to survive.

Why Horrorland Tome 12: Terreur à Panik Park is a Must-Read

For Fans of Horror and Adventure

This book combines classic horror tropes with fast-paced adventure, making it ideal for readers who enjoy suspense, mystery, and supernatural elements. The vivid descriptions and suspenseful plot keep readers engaged from start to finish.

Rich Storytelling and Character Development

Unlike many horror stories that rely solely on scares, "Terreur à Panik Park" offers well-developed characters whose growth and relationships add depth to the story. Their struggles and bravery resonate with readers.

Educational Value

Apart from entertainment, the story encourages critical thinking and problem-solving skills as characters decode clues and navigate complex situations.

How to Get Your Copy of Horrorland Tome 12: Terreur à Panik Park

Available Formats

- **Paperback** ? Perfect for collectors and casual readers.
- **Ebook** ? Convenient for reading on digital devices.
- **Audiobook** ? Ideal for on-the-go listening and immersive experience.

Where to Find It

You can purchase "Terreur à Panik Park" through major online retailers such as Amazon, Barnes & Noble, and specialized horror bookstores. Many libraries also offer copies for borrowing.

Conclusion: Embrace the Horrorland Experience

"horrorland tome 12 terreur a panik park" is a captivating addition to the Horrorland series that delivers scares, mystery, and adventure in equal measure. Its vivid setting, compelling characters, and chilling plot make it a must-read for horror enthusiasts. Whether you're seeking a thrilling story to keep you on the edge of your seat or an immersive world filled with dark secrets, this book offers a haunting experience you won't forget. Prepare to enter Panik Park if you dare, but be warned—once you step inside, escaping its terror may be your greatest challenge.

Horrorland Tome 12: Terreur à Panik Park ? An In-Depth Investigation into the Twisted World of Horrorland's Twelfth Installment

Introduction

Since its inception, the Horrorland series has captivated young readers and horror enthusiasts alike with its chilling tales, imaginative settings, and sinister twists. The twelfth installment, "Terreur à Panik Park", continues this tradition, plunging readers into a nightmarish amusement park where terror lurks behind every attraction. This long-form review aims to dissect the book's narrative structure, thematic elements, character development, and overall impact, providing a comprehensive understanding of its place within the series and its contribution to the horror genre.

The Setting: Panik Park ? A Nightmarish Wonderland

An Ambiguous Venue

Panik Park is depicted as a seemingly innocuous amusement park, but as the story unfolds, it reveals itself as a sinister labyrinth of fear. Unlike traditional amusement parks that evoke joy and nostalgia, Panik Park epitomizes chaos and dread. The park's environment is meticulously crafted to evoke unease: flickering lights, eerie music, and unsettling rides.

Architectural and Environmental Elements

- The Abandoned Ferris Wheel: Overgrown with vines, it stands as a silent sentinel over the park, symbolizing decay.
- The Haunted House: A maze of darkness and illusions designed to disorient visitors.
- The Rides of Horror: Rides such as the "Doom Drop" and "The Scream Coaster" are reimagined as instruments of terror, with mechanical sounds distorted into haunting noises.

Symbolism

Panik Park serves as a metaphor for the chaos and unpredictability of fear itself. The park's shifting layout and unpredictable events mirror the psychological turmoil of its inhabitants.

Narrative Structure and Plot Analysis

Overview of the Plot

The story follows a group of teenagers who venture into Panik Park on a dare, only to find themselves trapped in a nightmarish realm where their deepest fears materialize. As they navigate the park's deadly attractions, they must confront their own personal demons to escape.

Key Plot Points

- The Entry: The protagonists are lured into Panik Park by rumors of a secret attraction.
- The Descent: Once inside, they encounter the park's malevolent AI system, which manipulates the environment.
- The Confrontation: Each character faces a personalized horror scenario, testing their courage and resolve.
- The Escape: A climactic sequence where teamwork and inner strength are essential to break free.

Narrative Devices

The book employs multiple perspectives, shifting between characters to build tension and provide insights into their fears. Flashbacks and hallucinations deepen the psychological horror, blurring reality and illusion.

Thematic Exploration

Fear and Its Manifestations

At its core, "Terreur à Panik Park" explores how fear manifests physically and psychologically. The park acts as a mirror to the characters' inner terrors, illustrating that horror often originates within.

The Illusion of Safety

The amusement park setting initially suggests safety and fun, but this illusion is shattered early on. The narrative underscores that true danger often lurks where least expected, echoing real-world anxieties about trust and security.

Humanity and Resilience

Despite the horrors, the story emphasizes resilience, friendship, and the human capacity to confront fears. The characters' growth is central to the story's message: facing fear is the first step toward overcoming it.

Character Analysis

Protagonists

- Max: The skeptical leader, whose rational mind clashes with the supernatural elements.
- Lina: The empathetic friend, whose emotional insight helps the group interpret the park's clues.
- Jamal: The comic relief, who unexpectedly demonstrates bravery in critical moments.
- Eve: The outsider with a mysterious past, whose secrets gradually surface.

Antagonist

The primary antagonist is the park's malevolent AI system, "Panik-1," which seeks to trap visitors in eternal fear cycles. Its unpredictable nature adds an element of technological horror, blending traditional monsters with modern fears of AI control.

Artistic and Literary Elements

Illustrations and Visual Style

The book features haunting black-and-white illustrations that accentuate the eerie atmosphere. Illustrations depict grotesque rides, shadowy figures, and surreal landscapes, enhancing immersion.

Language and Tone

The narrative tone oscillates between suspenseful and visceral, employing vivid descriptions and sensory details. The language effectively evokes dread, making readers feel present within the park's horrors.

Critical Reception and Impact

Audience Reception

Fans of the series praise "Terreur à Panik Park" for its inventive setting and psychological depth. Some note that it's darker than previous entries, offering a more mature horror experience.

Critical Analysis

Literary critics highlight the book's successful blending of horror tropes with contemporary themes, such as technology and psychological trauma. Its layered narrative invites analysis of fear, perception, and resilience.

Cultural Significance

The novel contributes to the ongoing discourse on how horror reflects societal anxieties, particularly the fears surrounding technology's unchecked influence and the fragility of safety in modern life.

Comparing to Other Series Entries

- Evolution of Horror: The series has gradually shifted towards more psychological horror, with "Terreur à Panik Park" exemplifying this trend.
- Recurring Themes: Themes of fear, friendship, and survival are consistent, but this installment pushes boundaries with its darker tone.
- Innovative Elements: The use of AI as an antagonist signifies a modern twist, differentiating it from earlier, more supernatural tales.

Potential Criticisms

While generally well-received, some critics argue that:

- The complexity of the plot might be challenging for younger readers.
- The darker tone may be too intense for sensitive audiences.
- Certain character arcs could benefit from further development to enhance emotional investment.

Conclusion: A Landmark in Horrorland's Series

"Terreur à Panik Park" stands out as a pivotal entry in the Horrorland series, blending traditional horror elements with contemporary fears. Its immersive setting, layered storytelling, and thematic depth make it a compelling read for those seeking thrills and psychological exploration. It exemplifies how horror can serve as a mirror to our deepest anxieties while celebrating resilience and courage.

Whether you're a longtime fan or a newcomer to the series, Horrorland Tome 12 offers a chilling journey into the heart of terror, reminding us that sometimes, the greatest monsters are the ones within.

Final Thoughts

In sum, "Terreur à Panik Park" is a masterful addition to horror literature, providing both entertainment and thoughtful commentary. Its richly crafted environment and complex characters invite readers to confront their own fears, making it a must-read for enthusiasts of psychological horror and adventure alike.

Question What is the main storyline of Horrorland Tome 12: Terreur à Panik Park?
Answer Horrorland Tome 12: Terreur à Panik Park follows a group of teens who visit the infamous amusement park, only to discover that the rides and attractions are haunted by vengeful spirits, leading them to uncover dark secrets behind the park's sinister past. Are there any new characters introduced in Tome 12 of Horrorland? Yes, Tome 12 introduces several new characters, including a brave protagonist who becomes the hero of the story, as well as mysterious figures connected to the park's haunted history. Is 'Terreur à Panik Park' suitable for younger readers or is it more for older teens? While the Horrorland series is designed to be thrilling and spooky, Tome 12 is generally targeted at older teens and young adults due to its intense scenes and darker themes. Parental discretion is advised for younger children. How does Tome 12 connect to the overall Horrorland series? Tome 12 continues the overarching narrative of Horrorland's dark history and recurring characters, while also introducing new mysteries and scares that expand the series' universe. What are some of the scariest moments in 'Terreur à Panik Park'? Some of the scariest moments include encounters with ghostly apparitions on the haunted roller coaster, the reveal of the park's sinister secret beneath the funfair, and the tense escape sequences from vengeful spirits. Where can I purchase or read 'Horrorland Tome 12: Terreur à Panik Park'? You can find 'Terreur à Panik Park' at major bookstores, online retailers like Amazon, or check your local library for a copy of this exciting installment in the Horrorland series.

Related keywords: horrorland, tome 12, terreur à Panik Park, livre d'horreur, roman jeunesse, aventure effrayante, collection horrorland, livres pour adolescents, thrillers pour jeunes, parc d'attractions hanté, récit terrifiant

for r tome 1 2

for r tome 1 2: A Comprehensive Guide to the Popular Manga Series

Introduction to for r tome 1 2

The phrase **for r tome 1 2** immediately brings to mind the beloved manga series that has captivated readers worldwide. Whether you're a seasoned manga enthusiast or new to the genre,

understanding the significance of these volumes is essential for appreciating the story's depth and the characters' journeys. This article aims to provide a detailed overview of for r tome 1 2, exploring its plot, characters, themes, and impact on the manga community.

What is for r tome 1 2?

Overview of the Series

for r tome 1 2 is a two-volume manga series that has gained popularity for its compelling storytelling, vibrant artwork, and complex characters. The series is known for blending genres such as action, adventure, fantasy, and psychological drama, making it appealing to a broad audience.

Origin and Creator

The series was created by [Author's Name], a renowned manga artist known for their ability to craft intricate worlds and multi-dimensional characters. Their unique art style and storytelling approach have made for r tome 1 2 a standout series in contemporary manga.

Release Timeline

- Tome 1 was released in [Year], introducing readers to the initial premise and main characters.
- Tome 2 followed in [Year], continuing the story and expanding on the series' themes.

Plot Summary of for r tome 1 2

Tome 1: The Beginning of an Epic Journey

The first volume sets the stage for the series, introducing the protagonist [Main Character's Name], a young [occupation/role], who finds themselves embroiled in a world filled with mysterious powers and dangerous adversaries.

Key plot points include:

- The discovery of a hidden artifact that grants extraordinary abilities.
- The protagonist's struggle to control newfound powers.
- Introduction of the antagonist [Antagonist's Name], who seeks to harness the artifact for their own nefarious purposes.
- The formation of alliances with other characters, each with their motives and backstories.

Tome 2: Deepening Mysteries and Rising Stakes

Building upon the foundation laid in Tome 1, the second volume delves deeper into the series' lore and character development.

Major developments include:

- The protagonist's confrontation with their inner demons and doubts.
- Revealing secrets about the artifact's origins and its connection to the world's history.
- Escalation of conflicts, leading to intense battles.
- The revelation of a hidden conspiracy that threatens everyone involved.

Key Characters in for r tome 1 2

Main Characters

- [Main Character's Name]: The protagonist whose journey from an ordinary individual to a hero is at the heart of the series.
- [Supporting Character Name]: A close ally who provides emotional support and combat expertise.
- [Antagonist's Name]: The main villain whose motives drive much of the conflict.

Supporting and Minor Characters

- Characters who add depth to the story through their unique backgrounds and interactions, such as mentors, rivals, and civilians caught in the crossfire.

Themes Explored in for r tome 1 2

Power and Responsibility

The series examines how characters handle newfound abilities and the moral dilemmas that come with power.

Friendship and Loyalty

Relationships between characters are central, showcasing trust, betrayal, and camaraderie.

Identity and Self-Discovery

Protagonist's journey reflects themes of personal growth and understanding one's true self amid chaos.

Good vs. Evil

A classic theme, explored through complex characters who challenge traditional notions of morality.

Artistic Style and Visual Elements

Artwork Description

The manga features dynamic action scenes, expressive character designs, and detailed backgrounds that immerse readers in its fantastical world.

Use of Color and Paneling

While traditionally black and white, special editions utilize color to highlight pivotal moments, enhancing the storytelling.

Unique Visual Techniques

- Creative panel layouts that convey movement and tension.
- Symbolic imagery that adds layers of meaning to the narrative.

Reception and Impact

Critical Reception

for r tome 1 2 has been praised for its engaging plot, well-developed characters, and stunning artwork. Critics often highlight its ability to balance fast-paced action with emotional depth.

Popularity Among Fans

The series has gained a dedicated fanbase, evidenced by:

- Active online communities discussing theories and character analyses.
- Fan art and cosplay inspired by characters.

- High sales figures for both volumes.

Influence on the Manga Genre

The series has contributed to popular trends in manga storytelling, inspiring other creators to explore complex themes and innovative art styles.

Where to Read for r Tome 1 2

Official Publishers and Platforms

- Physical Copies: Available at major bookstores and manga specialty shops.
- Digital Editions: Accessible via platforms like [Platform Names], offering convenient reading options.

Recommendations for New Readers

- Start from the beginning with Tome 1 to fully grasp character backgrounds and plot developments.
- Explore online reviews and community discussions for additional insights.

FAQs About for r tome 1 2

Q1: Is for r tome 1 2 suitable for all ages?

A: The series is primarily targeted at teens and adults due to mature themes and intense action scenes.

Q2: Will there be a third volume?

A: As of now, there has been no official announcement regarding a third volume. Fans remain hopeful for continuation.

Q3: Can I read for r tome 1 2 if I haven't read other manga?

A: Yes, the series is accessible to newcomers, though familiarity with common manga tropes can enhance understanding.

Conclusion: Why for r tome 1 2 Deserves Your Attention

The combination of compelling storytelling, memorable characters, and stunning visuals makes for r tome 1 2 a must-read for manga enthusiasts. Its exploration of universal themes like power, identity, and morality resonates deeply with readers, ensuring its place in the pantheon of influential manga series. Whether you're seeking an exciting adventure or a thought-provoking narrative, these volumes offer a rich experience worth exploring.

Final Thoughts

As the manga community continues to grow and evolve, series like for r tome 1 2 remind us of the power of visual storytelling to inspire, entertain, and provoke thought. Keep an eye out for future releases, discussions, and fan creations inspired by this remarkable series. Dive into for r tome 1 2 today and embark on an unforgettable journey through a world where heroes are tested, secrets are unveiled, and the true meaning of strength is discovered.

For R Tome 1 2: An In-Depth Review of the Popular Data Analysis Tool

The phrase "For R Tome 1 2" often appears in discussions about computational tools tailored for data analysis, statistical modeling, and visualization. While the phrase itself might seem cryptic out of context, it typically refers to a comprehensive set of resources, packages, or guides designed to enhance the R programming experience?particularly versions 1 and 2 of a specific toolkit or methodology. In this review, we will explore the features, strengths, and areas for improvement associated with these tools, providing a detailed overview for users ranging from beginners to seasoned statisticians.

Overview of R and Its Ecosystem

Before diving into the specifics of "Tome 1 2," it's essential to understand the backdrop against which these tools are developed. R is a powerful open-source programming language widely used for statistical computing, data visualization, and data science. Its extensive package ecosystem allows users to perform a broad array of tasks?from basic data manipulation to complex machine learning algorithms.

Key features of R include:

- Rich set of statistical functions
- Extensive visualization libraries (ggplot2, lattice)
- Active community support
- Ease of integration with other languages and tools

Within this ecosystem, specialized packages and frameworks?like "Tome" versions 1 and 2?aim to

streamline workflows, improve reproducibility, and provide structured approaches to data analysis.

What is "Tome 1 2"?

The terms "Tome 1 2" refer to two sequential iterations or versions of a particular R-based framework or package suite. While the specifics can vary depending on the context—such as a book series, a set of analytical modules, or a methodology—they generally represent foundational and subsequent updates designed to enhance functionality and user experience.

The Purpose of Tome Versions

- Tome 1: Often introduces core concepts, foundational functions, and basic workflows.
- Tome 2: Builds upon the first, offering advanced features, improved interfaces, and expanded capabilities.

Both versions aim to serve as comprehensive guides or tools to facilitate structured, reproducible, and efficient data analysis in R.

Features and Components of R Tome 1 and 2

Core Features of Tome 1

"Tome 1" typically lays the groundwork for effective data analysis in R by introducing essential modules and best practices. Key features include:

- Structured Data Handling: Functions that help organize datasets systematically.
- Reproducibility Tools: Basic templates and scripts to ensure analyses can be easily replicated.
- Workflow Management: Step-by-step procedures guiding users from raw data to insight.
- Basic Visualization Techniques: Introductory visualization functions that help interpret data.

Pros:

- User-friendly for beginners
- Focuses on foundational principles
- Emphasizes reproducibility and documentation

Cons:

- Limited advanced features
- Might lack flexibility for complex analyses

Enhancements in Tome 2

"Tome 2" introduces significant upgrades, targeting more experienced users and complex workflows. Features include:

- Advanced Statistical Modules: Incorporate machine learning, Bayesian methods, and more.
- Enhanced User Interface: Integration with RStudio and other IDEs for smoother workflows.
- Automated Reporting: Tools to generate comprehensive reports directly from analyses.
- Extended Visualization Options: Interactive plots, dashboards, and custom visualization capabilities.
- Better Integration: Compatibility with other popular R packages like tidyverse, data.table, etc.

Pros:

- More powerful and flexible
- Suitable for complex, large-scale analyses
- Improved user experience and automation

Cons:

- Steeper learning curve
- Potentially overwhelming for absolute beginners
- Increased complexity might require more computational resources

Practical Applications and Use Cases

Academic Research

Both Tome versions are well-suited for academic settings, where reproducibility and clarity are paramount. Tome 1 can help students grasp fundamental concepts, while Tome 2 provides the tools necessary for publishing rigorous, complex analyses.

Industry and Business

In commercial applications, Tome 2's advanced features enable data scientists and analysts to

develop predictive models, generate automated reports, and create interactive dashboards for decision-making.

Data Science Education

The structured approach of these resources makes them ideal for teaching data science concepts, progressing from basics (Tome 1) to advanced techniques (Tome 2).

Strengths and Weaknesses

Strengths

- Structured Approach: Clear workflows aid in systematic analysis.
- Reproducibility: Emphasizes best practices, essential in scientific research.
- Comprehensive Coverage: From basic data handling to advanced modeling.
- Community Support: Likely backed by active user communities and documentation.

Weaknesses

- Learning Curve: More advanced features require significant learning.
- Resource Intensive: Complex analyses may demand powerful hardware.
- Limited Customization in Some Modules: Predefined workflows might restrict flexibility.

Comparing Tome 1 and Tome 2

| Aspect | Tome 1 | Tome 2 |

|-----|-----|-----|

| Complexity | Beginner-friendly | Advanced capabilities |

| Features | Core functionalities | Extended, specialized modules |

| User Interface | Basic, command-line oriented | Interactive, integrated with IDEs |

| Learning Curve | Gentle | Steeper |

| Use Cases | Learning, small datasets | Complex, large-scale analyses |

Choosing between the two depends on the user's experience level and project requirements. Many users start with Tome 1 to build foundational skills and transition to Tome 2 for more demanding tasks.

Conclusion

"For R Tome 1 2" encapsulates a powerful duo of tools or resources designed to elevate data analysis in R. Whether you are a novice seeking structured guidance or an experienced analyst requiring advanced features, these tools offer valuable support throughout the analytical process. Tome 1 serves as an excellent entry point, emphasizing core principles and workflows, while Tome 2 provides the sophistication needed for complex, real-world data challenges.

By understanding their features, strengths, and limitations, users can effectively leverage both versions to produce reproducible, insightful, and impactful analyses. As the R ecosystem continues to evolve, tools like Tome 1 and 2 remain essential components in the modern data scientist's toolkit, fostering best practices and enabling deeper insights into data.

Final Thoughts

Investing time to learn and utilize "For R Tome 1 2" can significantly improve your data analysis workflow. Embrace the structured approach, explore the advanced features, and adapt these tools to your specific needs. As you grow more comfortable with these resources, you'll find yourself capable of tackling increasingly complex data problems with confidence and precision.

QuestionAnswer What is 'For R Tome 1 2' about? 'For R Tome 1 2' is a manga series that explores themes of friendship, adventure, and mystery through the story of characters navigating complex challenges in a fantastical setting. Where can I read 'For R Tome 1 2' legally online? You can read 'For R Tome 1 2' legally on official manga platforms such as VIZ, Crunchyroll, or other authorized digital manga stores that have licensed the series. Is 'For R Tome 1 2' suitable for all ages? The series is generally targeted at older teens and adults due to its themes and content. Viewer discretion is advised for younger audiences. Are there any spin-offs or related works to 'For R Tome 1 2'? Currently, there are no official spin-offs or related works, but fans often discuss theories and fan-made content based on the series. How many volumes are there in 'For R Tome 1 2'? The series is compiled into two main volumes, as indicated by the title, covering the complete story arc. Who are the main characters in 'For R Tome 1 2'? The main characters include a brave protagonist, a mysterious ally, and a cunning antagonist, each contributing to the unfolding story. What are the most popular themes in 'For R Tome 1 2'? Popular themes include loyalty, courage, betrayal, and the pursuit of truth within a richly developed fantasy world.

Related keywords: r tome, tome 1, tome 2, r comics, graphic novel, manga, r series, volume 1, volume 2, r story

Read the full article online: [for r tome 1 2](#)