Halloween Trivia

MUSA

January 21, 2019

Categories

Five Nights at Evans

Makes My Skin Crawl

Spectral Theory, Killing Fields, and Skeletal Categories

Songs of the Dead

Proof or Spoof

The Revenge of the Spiced Pumpkins

A Brief History of Pumpkin Slime

Five Nights at Evans I

A noted terrorist started his career as a complex analyst here at UC Berkeley. Which of the following passages is from his manifesto?

Five Nights at Evans I

A noted terrorist started his career as a complex analyst here at UC Berkeley. Which of the following passages is from his manifesto?

A) The war we fight today is more than a military conflict; it is the decisive ideological struggle of the century.

Five Nights at Evans I

A noted terrorist started his career as a complex analyst here at UC Berkeley. Which of the following passages is from his manifesto?

A) The war we fight today is more than a military conflict; it is the decisive ideological struggle of the century.

B) Thus science marches on blindly, without regard to the real welfare of the human race or to any other standard.

Five Nights at Evans I

A noted terrorist started his career as a complex analyst here at UC Berkeley. Which of the following passages is from his manifesto?

A) The war we fight today is more than a military conflict; it is the decisive ideological struggle of the century.

B) Thus science marches on blindly, without regard to the real welfare of the human race or to any other standard.

C) Today is history. Today will be remembered. Years from now the young will ask with wonder about this day. Today is history and you are part of it.

Five Nights at Evans I

A noted terrorist started his career as a complex analyst here at UC Berkeley. Which of the following passages is from his manifesto?

A) The war we fight today is more than a military conflict; it is the decisive ideological struggle of the century.

B) Thus science marches on blindly, without regard to the real welfare of the human race or to any other standard.

C) Today is history. Today will be remembered. Years from now the young will ask with wonder about this day. Today is history and you are part of it.

D) Society wants to believe it can identify evil people, or bad or harmful people, but it's not practical.

It is possible to measure the height of Evans Hall such that, in feet and rounded to the nearest integer, it is a class of prime named after this mathematician. Who is he or she?

Five Nights at Evans II

It is possible to measure the height of Evans Hall such that, in feet and rounded to the nearest integer, it is a class of prime named after this mathematician. Who is he or she?

A) Pythagoras

Five Nights at Evans II

It is possible to measure the height of Evans Hall such that, in feet and rounded to the nearest integer, it is a class of prime named after this mathematician. Who is he or she?

   A) Pythagoras

   B) Pierre de Fermat

Five Nights at Evans II

It is possible to measure the height of Evans Hall such that, in feet and rounded to the nearest integer, it is a class of prime named after this mathematician. Who is he or she?

- A) Pythagoras
- B) Pierre de Fermat
- C) Sophie Germain

Five Nights at Evans II

It is possible to measure the height of Evans Hall such that, in feet and rounded to the nearest integer, it is a class of prime named after this mathematician. Who is he or she?

A) Pythagoras

B) Pierre de Fermat

C) Sophie Germain

D) Andrew Wiles

Five Nights at Evans III

Which mathematician with ties to Berkeley wore a rugby jersey when accepting a high-ranking award in Kyoto?

Five Nights at Evans III

Which mathematician with ties to Berkeley wore a rugby jersey when accepting a high-ranking award in Kyoto?

   A) Vaughan Jones

Five Nights at Evans III

Which mathematician with ties to Berkeley wore a rugby jersey when accepting a high-ranking award in Kyoto?

  A) Vaughan Jones

  B) Richard Borcherds

Five Nights at Evans III

Which mathematician with ties to Berkeley wore a rugby jersey when accepting a high-ranking award in Kyoto?

   A) Vaughan Jones

   B) Richard Borcherds

   C) Steve Smale

Five Nights at Evans III

Which mathematician with ties to Berkeley wore a rugby jersey when accepting a high-ranking award in Kyoto?

    A) Vaughan Jones

    B) Richard Borcherds

    C) Steve Smale

    D) Ted Slaman

Five Nights at Evans IV

Which of the following is NOT a poster hanging up in Evans Hall somewhere?

Five Nights at Evans IV

Which of the following is NOT a poster hanging up in Evans Hall somewhere?

A) Reclaim the Power of Love

Five Nights at Evans IV

Which of the following is NOT a poster hanging up in Evans Hall somewhere?

A) Reclaim the Power of Love

B) Guardians, Aliens, and Robot Overlords

Five Nights at Evans IV

Which of the following is NOT a poster hanging up in Evans Hall somewhere?

    A) Reclaim the Power of Love

    B) Guardians, Aliens, and Robot Overlords

    C) TUTORING: Your Math Survival Guide

Five Nights at Evans IV

Which of the following is NOT a poster hanging up in Evans Hall somewhere?

A) Reclaim the Power of Love

B) Guardians, Aliens, and Robot Overlords

C) TUTORING: Your Math Survival Guide

D) The Crawfish

Five Nights at Evans V

FREE RESPONSE! There is a professor in the math department with a ballet-themed Instagram. What is his or her @?

Five Nights at Evans I

A noted terrorist started his career as a complex analyst here at UC Berkeley. Which of the following passages is from his manifesto?

Five Nights at Evans I

A noted terrorist started his career as a complex analyst here at UC Berkeley. Which of the following passages is from his manifesto?

B) "Thus science marches without regard to the real welfare of the human race or to any other standard." -Ted Kaczynski

Five Nights at Evans I

A noted terrorist started his career as a complex analyst here at UC Berkeley. Which of the following passages is from his manifesto?

B) "Thus science marches without regard to the real welfare of the human race or to any other standard." -Ted Kaczynski

The other quotes are by George W. Bush, Amon Goeth (as he was depicted in Schindler's List), and Ted Bundy.

It is possible to measure the height of Evans Hall such that, in feet and rounded to the nearest integer, it is a class of prime named after this mathematician. Who is he or she?

Five Nights at Evans II

It is possible to measure the height of Evans Hall such that, in feet and rounded to the nearest integer, it is a class of prime named after this mathematician. Who is he or she?

C) Sophie Germain!

Five Nights at Evans II

It is possible to measure the height of Evans Hall such that, in feet and rounded to the nearest integer, it is a class of prime named after this mathematician. Who is he or she?

C) Sophie Germain!

Measured from the bottom, Evans Hall is 130.99', and 131 is a Germain prime in the sense that 263 is also prime.

Which mathematician with ties to Berkeley wore a rugby jersey when accepting a high-ranking award in Kyoto?

Which mathematician with ties to Berkeley wore a rugby jersey when accepting a high-ranking award in Kyoto?

A) Vaughan Jones

Five Nights at Evans III

Which mathematician with ties to Berkeley wore a rugby jersey when accepting a high-ranking award in Kyoto?

A) Vaughan Jones

Prof. Jones, who is from New Zealand, wore a rugby jersey upon accepting the Fields Medal.

Five Nights at Evans IV

Which of the following is NOT a poster hanging up in Evans Hall somewhere?

Five Nights at Evans IV

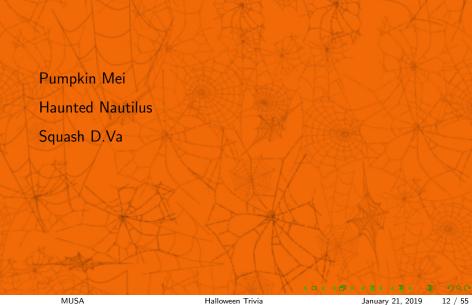Which of the following is NOT a poster hanging up in Evans Hall somewhere?

C) TUTORING: Your Math Survival Guide

Five Nights at Evans IV

Which of the following is NOT a poster hanging up in Evans Hall somewhere?

C) TUTORING: Your Math Survival Guide

A and B are posters on the ground floor. D appears in a graduate student office.

Makes My Skin Crawl

Pumpkin Mei

Makes My Skin Crawl

Pumpkin Mei

Haunted Nautilus

Makes My Skin Crawl

Pumpkin Mei

Haunted Nautilus

Squash D.Va

Makes My Skin Crawl

Pumpkin Mei

Haunted Nautilus

Squash D.Va

Straw Ops

Makes My Skin Crawl

Pumpkin Mei

Haunted Nautilus

Squash D.Va

Straw Ops

Count Kledula

Makes My Skin Crawl

Pumpkin Mei

Makes My Skin Crawl

Pumpkin Mei – Yes!

Makes My Skin Crawl

Pumpkin Mei - Yes!

Haunted Nautilus

Makes My Skin Crawl

Pumpkin Mei - Yes!

Haunted Nautilus - No.

Makes My Skin Crawl

Pumpkin Mei - Yes!

Haunted Nautilus - No.

Squash D.Va

Makes My Skin Crawl

Pumpkin Mei - Yes!

Haunted Nautilus - No.

Squash D.Va - For all her fruit skins, no.

Makes My Skin Crawl

Pumpkin Mei - Yes!

Haunted Nautilus - No.

Squash D.Va - For all her fruit skins, no.

Straw Ops

Makes My Skin Crawl

Pumpkin Mei - Yes!

Haunted Nautilus - No.

Squash D.Va - For all her fruit skins, no.

Straw Ops - Yes. Bonus points if your group does the Fortnite dance.

Makes My Skin Crawl

Pumpkin Mei - Yes!

Haunted Nautilus - No.

Squash D.Va - For all her fruit skins, no.

Straw Ops - Yes. Bonus points if your group does the Fortnite dance.

Count Kledula - Yes, to be released this Halloween.

Spectral Theory I

A MUSA officer shares his or her name with a mathematician known for a result about sheaves of holomorphic functions. Who is he or her?

Spectral Theory I

A MUSA officer shares his or her name with a mathematician known for a result about sheaves of holomorphic functions. Who is he or her?

    A) Margo Oka

Spectral Theory I

A MUSA officer shares his or her name with a mathematician known for a result about sheaves of holomorphic functions. Who is he or her?

    A) Margo Oka

    B) Ning McKenzie

Spectral Theory I

A MUSA officer shares his or her name with a mathematician known for a result about sheaves of holomorphic functions. Who is he or her?

A) Margo Oka

B) Ning McKenzie

C) Katie Lamar

Spectral Theory I

A MUSA officer shares his or her name with a mathematician known for a result about sheaves of holomorphic functions. Who is he or her?

    A) Margo Oka

    B) Ning McKenzie

    C) Katie Lamar

    D) Ryan Shaw

Spectral Theory II

Which mathematician, known for constructing a particularly spooky function, was born on Halloween?

Spectral Theory II

Which mathematician, known for constructing a particularly spooky function, was born on Halloween?

   A) Georg Cantor

Spectral Theory II

Which mathematician, known for constructing a particularly spooky function, was born on Halloween?

   A) Georg Cantor

   B) Paul Dirac

Spectral Theory II

Which mathematician, known for constructing a particularly spooky function, was born on Halloween?

    A) Georg Cantor

    B) Paul Dirac

    C) Karl Weierstrass

Spectral Theory II

Which mathematician, known for constructing a particularly spooky function, was born on Halloween?

- A) Georg Cantor
- B) Paul Dirac
- C) Karl Weierstrass
- D) Giuseppe Vitali

Spectral Theory III

Consider the following combinatorics problem:

Spectral Theory III

Consider the following combinatorics problem: "What is the length of the shortest list containing all permutations of a set of n elements?"

Spectral Theory III

Consider the following combinatorics problem: "What is the length of the shortest list containing all permutations of a set of n elements?" (For example, for $n = 3$, the answer is 9, witnessed by the list $(1, 2, 3, 1, 2, 1, 3, 2, 1)$).

Spectral Theory III

Consider the following combinatorics problem: "What is the length of the shortest list containing all permutations of a set of n elements?" (For example, for $n = 3$, the answer is 9, witnessed by the list (1, 2, 3, 1, 2, 1, 3, 2, 1)). Which of the following is a name for this problem?

Spectral Theory III

Consider the following combinatorics problem: "What is the length of the shortest list containing all permutations of a set of n elements?" (For example, for $n = 3$, the answer is 9, witnessed by the list (1, 2, 3, 1, 2, 1, 3, 2, 1)). Which of the following is a name for this problem?

   A) Ramsey's superpermutation problem

Spectral Theory III

Consider the following combinatorics problem: "What is the length of the shortest list containing all permutations of a set of n elements?" (For example, for $n = 3$, the answer is 9, witnessed by the list (1, 2, 3, 1, 2, 1, 3, 2, 1)). Which of the following is a name for this problem?

A) Ramsey's superpermutation problem

B) Timberlake minimality conjecture

Spectral Theory III

Consider the following combinatorics problem: "What is the length of the shortest list containing all permutations of a set of n elements?" (For example, for $n = 3$, the answer is 9, witnessed by the list (1, 2, 3, 1, 2, 1, 3, 2, 1)). Which of the following is a name for this problem?

A) Ramsey's superpermutation problem

B) Timberlake minimality conjecture

C) Meereen hypothesis

Spectral Theory III

Consider the following combinatorics problem: "What is the length of the shortest list containing all permutations of a set of n elements?" (For example, for $n = 3$, the answer is 9, witnessed by the list (1, 2, 3, 1, 2, 1, 3, 2, 1)). Which of the following is a name for this problem?

A) Ramsey's superpermutation problem

B) Timberlake minimality conjecture

C) Meereen hypothesis

D) Haruhi problem

Spectral Theory IV

If mathematics is the queen of the sciences, then what is the queen of mathematics?

If mathematics is the queen of the sciences, then what is the queen of mathematics?

A) Category theory

Spectral Theory IV

If mathematics is the queen of the sciences, then what is the queen of mathematics?

    A) Category theory

    B) Number theory

    C) Reverse mathematics

    D) Mathematical physics

Spectral Theory V

Which of the following is NOT the name of a mathematical object?

Which of the following is NOT the name of a mathematical object?

A) Extraordinary kink

Which of the following is NOT the name of a mathematical object?

  A) Extraordinary kink

  B) Weiner process

Which of the following is NOT the name of a mathematical object?

    A) Extraordinary kink

    B) Weiner process

    C) Cox-Zucker machine

Spectral Theory V

Which of the following is NOT the name of a mathematical object?

    A) Extraordinary kink

    B) Weiner process

    C) Cox-Zucker machine

    D) Tits measure

Spectral Theory I

A MUSA officer shares his or her name with a mathematician known for a result about sheaves of holomorphic functions. Who is he or her?

Spectral Theory I

A MUSA officer shares his or her name with a mathematician known for a result about sheaves of holomorphic functions. Who is he or her?

A) Margo Oka!

Spectral Theory I

A MUSA officer shares his or her name with a mathematician known for a result about sheaves of holomorphic functions. Who is he or her?

A) Margo Oka!

Oka's coherence theorem was proven in 1950 by Kiyoshi Oka.

Spectral Theory II

Which mathematician, known for constructing a particularly spooky function, was born on Halloween?

Spectral Theory II

Which mathematician, known for constructing a particularly spooky function, was born on Halloween?

C) Karl Weierstrass!

Spectral Theory II

Which mathematician, known for constructing a particularly spooky function, was born on Halloween?

C) Karl Weierstrass!

Weierstrass' sine curve is nowhere differentiable but everywhere continuous; he was born on Halloween, 1815.

Spectral Theory III

Consider the following combinatorics problem: "What is the length of the shortest list containing all permutations of a set of n elements?" (For example, for $n = 3$, the answer is 9, witnessed by the list (1, 2, 3, 1, 2, 1, 3, 2, 1)). Which of the following is a name for this problem?

Spectral Theory III

Consider the following combinatorics problem: "What is the length of the shortest list containing all permutations of a set of n elements?" (For example, for $n = 3$, the answer is 9, witnessed by the list (1, 2, 3, 1, 2, 1, 3, 2, 1)). Which of the following is a name for this problem?

D) Haruhi (Suzumiya) problem

Spectral Theory III

Consider the following combinatorics problem: "What is the length of the shortest list containing all permutations of a set of n elements?" (For example, for $n = 3$, the answer is 9, witnessed by the list (1, 2, 3, 1, 2, 1, 3, 2, 1)). Which of the following is a name for this problem?

D) Haruhi (Suzumiya) problem

This problem is more commonly known as the minimal superpermutations problem. However, a lower bound for the case $n = 14$ was proven recently by an anonymous user on 4chan, where it was framed as the minimal number of ways one could watch n episodes of The Melancholy of Haruhi Suzumiya so that they watch every possible ordering.

Spectral Theory IV

If mathematics is the queen of the sciences, then what is the queen of mathematics?

Spectral Theory IV

If mathematics is the queen of the sciences, then what is the queen of mathematics?

B) Number theory

If mathematics is the queen of the sciences, then what is the queen of mathematics?

B) Number theory

According to Gauss, "Mathematics is the queen of sciences and number theory is the queen of mathematics."

Which of the following is NOT the name of a mathematical object?

Which of the following is NOT the name of a mathematical object?

A) Extraordinary kink

Spectral Theory V

Which of the following is NOT the name of a mathematical object?

A) Extraordinary kink

Kinks are defined, but it isn't defined for a function to be extraordinarily kinky.

Songs of the Dead I

Which famous video game song is a parody of a hit Halloween song?

Songs of the Dead I

Which famous video game song is a parody of a hit Halloween song?

A) Song of the Dragonborn

Songs of the Dead I

Which famous video game song is a parody of a hit Halloween song?

    A) Song of the Dragonborn

    B) Still Alive

Songs of the Dead I

Which famous video game song is a parody of a hit Halloween song?

A) Song of the Dragonborn

B) Still Alive

C) Snake Eater

Songs of the Dead I

Which famous video game song is a parody of a hit Halloween song?

A) Song of the Dragonborn

B) Still Alive

C) Snake Eater

D) Good King Moggle Mog

Songs of the Dead II

When played on guitar, the low E string should be tuned down a D on which of the following songs?

Songs of the Dead II

When played on guitar, the low E string should be tuned down a D on which of the following songs?

   A) Black Magic Woman

Songs of the Dead II

When played on guitar, the low E string should be tuned down a D on which of the following songs?

A) Black Magic Woman

B) Delusion Express

Songs of the Dead II

When played on guitar, the low E string should be tuned down a D on which of the following songs?

A) Black Magic Woman

B) Delusion Express

C) Monster Mash

Songs of the Dead II

When played on guitar, the low E string should be tuned down a D on which of the following songs?

A) Black Magic Woman

B) Delusion Express

C) Monster Mash

D) Zombie

Songs of the Dead III

Which artist wrote a song which is now mainly known for its role in an infamous creepypasta?

Songs of the Dead III

Which artist wrote a song which is now mainly known for its role in an infamous creepypasta?

A) John Waite

Songs of the Dead III

Which artist wrote a song which is now mainly known for its role in an infamous creepypasta?

    A) John Waite

    B) Bobby Farrell

Songs of the Dead III

Which artist wrote a song which is now mainly known for its role in an infamous creepypasta?

    A) John Waite

    B) Bobby Farrell

    C) Andrew Gold

Songs of the Dead III

Which artist wrote a song which is now mainly known for its role in an infamous creepypasta?

    A) John Waite

    B) Bobby Farrell

    C) Andrew Gold

    D) Ralph Siegel

Songs of the Dead IV

The music video of which of the following songs depicts the artist writing "SATAN" in cocaine in a hotel room?

Songs of the Dead IV

The music video of which of the following songs depicts the artist writing "SATAN" in cocaine in a hotel room?

  A) Tokyo, Vampires and Wolves

The music video of which of the following songs depicts the artist writing "SATAN" in cocaine in a hotel room?

A) Tokyo, Vampires and Wolves

B) In Praise of Death

Songs of the Dead IV

The music video of which of the following songs depicts the artist writing "SATAN" in cocaine in a hotel room?

  A) Tokyo, Vampires and Wolves

  B) In Praise of Death

  C) Purple People Eater

Songs of the Dead IV

The music video of which of the following songs depicts the artist writing "SATAN" in cocaine in a hotel room?

A) Tokyo, Vampires and Wolves

B) In Praise of Death

C) Purple People Eater

D) The Hell Song

Songs of the Dead V

Which album by power metal band Helloween was inspired by the failure of the 2012 doomsday predictions?

Songs of the Dead V

Which album by power metal band Helloween was inspired by the failure of the 2012 doomsday predictions?

A) Keeper of the Seven Keys

Songs of the Dead V

Which album by power metal band Helloween was inspired by the failure of the 2012 doomsday predictions?

    A) Keeper of the Seven Keys

    B) Pink Bubbles Go Ape

Songs of the Dead V

Which album by power metal band Helloween was inspired by the failure of the 2012 doomsday predictions?

  A) Keeper of the Seven Keys

  B) Pink Bubbles Go Ape

  C) Rabbit Don't Come Easy

Which album by power metal band Helloween was inspired by the failure of the 2012 doomsday predictions?

A) Keeper of the Seven Keys

B) Pink Bubbles Go Ape

C) Rabbit Don't Come Easy

D) Straight Out of Hell

Songs of the Dead I

Which famous video game song is a parody of a hit Halloween song?

Songs of the Dead I

Which famous video game song is a parody of a hit Halloween song?

D) Good King Moggle Mog! Good King Moggle Mog! Good King Mog!

Songs of the Dead I

Which famous video game song is a parody of a hit Halloween song?

D) Good King Moggle Mog! Good King Moggle Mog! Good King Mog!

Good King Moggle Mog is the theme of the Great King Moggle Mog XII from Final Fantasy XIV, and is a parody of This is Halloween.

Songs of the Dead II

When played on guitar, the low E string should be tuned down a D on which of the following songs?

Songs of the Dead II

When played on guitar, the low E string should be tuned down a D on which of the following songs?

A) Black Magic Woman

Songs of the Dead II

When played on guitar, the low E string should be tuned down a D on which of the following songs?

A) Black Magic Woman

The original song was recorded slightly out of tune, so out of faithfulness to the original it is common to tune down the low E.

Songs of the Dead III

Which artist wrote a song which is now mainly known for its role in an infamous creepypasta?

Songs of the Dead III

Which artist wrote a song which is now mainly known for its role in an infamous creepypasta?

C) Andrew Gold

Songs of the Dead III

Which artist wrote a song which is now mainly known for its role in an infamous creepypasta?

C) Andrew Gold

Spooky, scary skeletons send shivers down your spine...

Songs of the Dead IV

The music video of which of the following songs depicts the artist writing "SATAN" in cocaine in a hotel room?

Songs of the Dead IV

The music video of which of the following songs depicts the artist writing "SATAN" in cocaine in a hotel room?

A) Tokyo, Vampires and Wolves

Songs of the Dead IV

The music video of which of the following songs depicts the artist writing "SATAN" in cocaine in a hotel room?

A) Tokyo, Vampires and Wolves

In spite of the name, the music video was filmed in Los Angeles.

Songs of the Dead V

Which album by power metal band Helloween was inspired by the failure of the 2012 doomsday predictions?

Songs of the Dead V

Which album by power metal band Helloween was inspired by the failure of the 2012 doomsday predictions?

D) Straight Out of Hell

Songs of the Dead V

Which album by power metal band Helloween was inspired by the failure of the 2012 doomsday predictions?

D) Straight Out of Hell

According to vocalist Andi Deris, Helloween wanted to make a happier album in light of the failure of the doomsday hypothesis.

Proof or Spoof I

What is the time complexity of solving systems of polynomial equations over a finite field?

Proof or Spoof II

Do the mean Navier-Stokes equations admit a solution in $\mathbb{R}^3$ whose energy blows up in finite time?

Proof or Spoof III

Let ZFC denote the usual Zermelo-Fraenkel axioms of set theory, with choice. If M is a model of ZFC, is there a model $N \in M$?

What is the integral

$$\int_0^\infty \frac{(1 - 12t^2)}{(1 + 4t^2)^3} \int_{1/2}^\infty \log |\zeta(\sigma + it)| \ d\sigma \ dt?$$

Is $\pi + e$ transcendental?

What is the minimum runtime of an algorithm of solving systems of polynomial equations over a finite field?

Proof or Spoof I

What is the minimum runtime of an algorithm of solving systems of polynomial equations over a finite field?

Spoof! This is unsolved, as it is equivalent to P=NP (3SAT reduces to solution of polynomials in characteristic 2).

Do the mean Navier-Stokes equations admit a solution in $\mathbb{R}^3$ whose energy blows up in finite time?

Proof or Spoof II

Do the mean Navier-Stokes equations admit a solution in $\mathbb{R}^3$ whose energy blows up in finite time?

Proof! Yes, this was proven by Terence Tao in 2014 – but the averaging hypothesis means that this doesn't solve the true Navier-Stokes equations.

Proof or Spoof III

Let *ZFC* denote the usual Zermelo-Fraenkel axioms of set theory, with choice. If M is a model of *ZFC*, is there a model $N \in M$?

Proof or Spoof III

Let *ZFC* denote the usual Zermelo-Fraenkel axioms of set theory, with choice. If M is a model of *ZFC*, is there a model $N \in M$?

Proof! Yes, this is true – as dangerously close as it dances to the incompleteness theorems.

What is the integral

$$\int_0^\infty \frac{(1 - 12t^2)}{(1 + 4t^2)^3} \int_{1/2}^\infty \log |\zeta(\sigma + it)| \ d\sigma \ dt?$$

Proof or Spoof IV

What is the integral

$$\int_0^\infty \frac{(1 - 12t^2)}{(1 + 4t^2)^3} \int_{1/2}^\infty \log |\zeta(\sigma + it)| \; d\sigma \; dt?$$

Spoof! The integral is

$$\frac{\pi(3 - \gamma)}{32}$$

if and only if the Riemann hypothesis holds.

Proof or Spoof V

Is $\pi + e$ transcendental?

Proof or Spoof V

Is $\pi + e$ transcendental?

Spoof! This is unsolved.

A Brief History of Slime I

The author of "The Jack O'lantern, or, the Privateer" is better known for which 19th-century novel?

A Brief History of Slime I

The author of "The Jack O'lantern, or, the Privateer" is better known for which 19th-century novel?

A) Uncle Tom's Cabin

A Brief History of Slime I

The author of "The Jack O'lantern, or, the Privateer" is better known for which 19th-century novel?

    A) Uncle Tom's Cabin

    B) The Scarlet Letter

A Brief History of Slime I

The author of "The Jack O'lantern, or, the Privateer" is better known for which 19th-century novel?

A) Uncle Tom's Cabin

B) The Scarlet Letter

C) The Last of the Mohicans

A Brief History of Slime I

The author of "The Jack O'lantern, or, the Privateer" is better known for which 19th-century novel?

A) Uncle Tom's Cabin

B) The Scarlet Letter

C) The Last of the Mohicans

D) A Connecticut Yankee in King Arthur's Court

A Brief History of Slime II

"Pumpkin Bombs" were developed by the United States military for use in which war?

A Brief History of Slime II

"Pumpkin Bombs" were developed by the United States military for use in which war?

A) World War II

A Brief History of Slime II

"Pumpkin Bombs" were developed by the United States military for use in which war?

A) World War II

B) Korean War

A Brief History of Slime II

"Pumpkin Bombs" were developed by the United States military for use in which war?

     A) World War II

     B) Korean War

     C) Gulf War

A Brief History of Slime II

"Pumpkin Bombs" were developed by the United States military for use in which war?

     A) World War II

     B) Korean War

     C) Gulf War

     D) World War I

A Brief History of Slime III

Jack o'lanterns are named after an Irish mythological figure named Stingy Jack. In the legend, how does Jack defeat Satan?

A Brief History of Slime III

Jack o'lanterns are named after an Irish mythological figure named Stingy Jack. In the legend, how does Jack defeat Satan?

    A) In a game of chess

A Brief History of Slime III

Jack o'lanterns are named after an Irish mythological figure named Stingy Jack. In the legend, how does Jack defeat Satan?

   A) In a game of chess

   B) By trapping him under a crucifix

A Brief History of Slime III

Jack o'lanterns are named after an Irish mythological figure named Stingy Jack. In the legend, how does Jack defeat Satan?

A) In a game of chess

B) By trapping him under a crucifix

C) By fusing him to his hand and shattering his eye with Longinus

A Brief History of Slime III

Jack o'lanterns are named after an Irish mythological figure named Stingy Jack. In the legend, how does Jack defeat Satan?

A) In a game of chess

B) By trapping him under a crucifix

C) By fusing him to his hand and shattering his eye with Longinus

D) By turning him into papier-mâché and banishing him to Africa

A Brief History of Slime IV

Which Founding Father is often considered the originator of "Buffalo Bill" pumpkin ale and beer?

A Brief History of Slime IV

Which Founding Father is often considered the originator of "Buffalo Bill" pumpkin ale and beer?

A) John Hancock

A Brief History of Slime IV

Which Founding Father is often considered the originator of "Buffalo Bill" pumpkin ale and beer?

A) John Hancock

B) John Adams

A Brief History of Slime IV

Which Founding Father is often considered the originator of "Buffalo Bill" pumpkin ale and beer?

    A) John Hancock

    B) John Adams

    C) Thomas Jefferson

A Brief History of Slime IV

Which Founding Father is often considered the originator of "Buffalo Bill" pumpkin ale and beer?

    A) John Hancock

    B) John Adams

    C) Thomas Jefferson

    D) George Washington

Due to voluntary rationing because of a food shortage, which world leader famously discouraged consumption of pumpkin pies on "Eggless Thursdays"?

A Brief History of Slime V

Due to voluntary rationing because of a food shortage, which world leader famously discouraged consumption of pumpkin pies on "Eggless Thursdays"?

A) Harry Truman

A Brief History of Slime V

Due to voluntary rationing because of a food shortage, which world leader famously discouraged consumption of pumpkin pies on "Eggless Thursdays"?

    A) Harry Truman

    B) Shinzo Abe

A Brief History of Slime V

Due to voluntary rationing because of a food shortage, which world leader famously discouraged consumption of pumpkin pies on "Eggless Thursdays"?

  A) Harry Truman

  B) Shinzo Abe

  C) George Papandreou

Due to voluntary rationing because of a food shortage, which world leader famously discouraged consumption of pumpkin pies on "Eggless Thursdays"?

- A) Harry Truman

- B) Shinzo Abe

- C) George Papandreou

- D) Winston Churchill

A Brief History of Slime I

The author of "The Jack O'lantern, or, the Privateer" is better known for which 19th-century novel?

A Brief History of Slime I

The author of "The Jack O'lantern, or, the Privateer" is better known for which 19th-century novel?

C) The Last of the Mohicans

A Brief History of Slime I

The author of "The Jack O'lantern, or, the Privateer" is better known for which 19th-century novel?

C) The Last of the Mohicans

James Fenimore Cooper wrote "The Jack O'lantern" 16 years after "Mohicans".

A Brief History of Slime II

"Pumpkin Bombs" were developed by the United States military for use in which war?

A Brief History of Slime II

"Pumpkin Bombs" were developed by the United States military for use in which war?

A) World War II

A Brief History of Slime II

"Pumpkin Bombs" were developed by the United States military for use in which war?

A) World War II

Pumpkin bombs were developed by the Manhattan project to be conventional weapons which are similar in design to atomic bombs.

Jack o'lanterns are named after an Irish mythological figure named Stingy Jack. In the legend, how does Jack defeat Satan?

A Brief History of Slime III

Jack o'lanterns are named after an Irish mythological figure named Stingy Jack. In the legend, how does Jack defeat Satan?

B) By trapping him under a crucifix

A Brief History of Slime III

Jack o'lanterns are named after an Irish mythological figure named Stingy Jack. In the legend, how does Jack defeat Satan?

B) By trapping him under a crucifix

In fact Jack tricks Satan into turning him a coin and then places him in his pocket, which has a crucifix inside.

A Brief History of Slime IV

Which Founding Father is often considered the originator of "Buffalo Bill" pumpkin ale and beer?

A Brief History of Slime IV

Which Founding Father is often considered the originator of "Buffalo Bill" pumpkin ale and beer?

D) George Washington

A Brief History of Slime IV

Which Founding Father is often considered the originator of "Buffalo Bill" pumpkin ale and beer?

D) George Washington

Buffalo Bill credits its pumpkin ale recipe to "experiments of George Washington."

A Brief History of Slime V

Due to voluntary rationing because of a food shortage, which world leader famously discouraged consumption of pumpkin pies on "Eggless Thursdays"?

A Brief History of Slime V

Due to voluntary rationing because of a food shortage, which world leader famously discouraged consumption of pumpkin pies on "Eggless Thursdays"?

A) Harry Truman

A Brief History of Slime V

Due to voluntary rationing because of a food shortage, which world leader famously discouraged consumption of pumpkin pies on "Eggless Thursdays"?

A) Harry Truman

To save food for the rebuilding of Europe, Truman encouraged Americans to not eat pumpkin pie on Thanksgiving, 1947.

Revenge of Spiced Pumpkins

Pumpkin Spice Mustache Wax

Revenge of Spiced Pumpkins

Pumpkin Spice Mustache Wax

Pumpkin Spice Four Loko

Revenge of Spiced Pumpkins

Pumpkin Spice Mustache Wax

Pumpkin Spice Four Loko

Pumpkin Spice Listerine Strips

Revenge of Spiced Pumpkins

Pumpkin Spice Mustache Wax

Pumpkin Spice Four Loko

Pumpkin Spice Listerine Strips

Pumpkin Spice Tampons

Revenge of Spiced Pumpkins

Pumpkin Spice Mustache Wax

Pumpkin Spice Four Loko

Pumpkin Spice Listerine Strips

Pumpkin Spice Tampons

Pumpkin Spice Vape

Revenge of Spiced Pumpkins

Pumpkin Spice Mustache Wax

Revenge of Spiced Pumpkins

Pumpkin Spice Mustache Wax - Sadly, yes; Stache Bomb sells it on Amazon.

Revenge of Spiced Pumpkins

Pumpkin Spice Mustache Wax - Sadly, yes; Stache Bomb sells it on Amazon.

Pumpkin Spice Four Loko

Revenge of Spiced Pumpkins

Pumpkin Spice Mustache Wax - Sadly, yes; Stache Bomb sells it on Amazon.

Pumpkin Spice Four Loko - No.

Revenge of Spiced Pumpkins

Pumpkin Spice Mustache Wax - Sadly, yes; Stache Bomb sells it on Amazon.

Pumpkin Spice Four Loko - No.

Pumpkin Spice Listerine Strips

Revenge of Spiced Pumpkins

Pumpkin Spice Mustache Wax - Sadly, yes; Stache Bomb sells it on Amazon.

Pumpkin Spice Four Loko - No.

Pumpkin Spice Listerine Strips - No, but there's a lot of fake pictures of it.

Revenge of Spiced Pumpkins

Pumpkin Spice Mustache Wax - Sadly, yes; Stache Bomb sells it on Amazon.

Pumpkin Spice Four Loko - No.

Pumpkin Spice Listerine Strips - No, but there's a lot of fake pictures of it.

Pumpkin Spice Tampons

Revenge of Spiced Pumpkins

Pumpkin Spice Mustache Wax - Sadly, yes; Stache Bomb sells it on Amazon.

Pumpkin Spice Four Loko - No.

Pumpkin Spice Listerine Strips - No, but there's a lot of fake pictures of it.

Pumpkin Spice Tampons - No.

Revenge of Spiced Pumpkins

Pumpkin Spice Mustache Wax - Sadly, yes; Stache Bomb sells it on Amazon.

Pumpkin Spice Four Loko - No.

Pumpkin Spice Listerine Strips - No, but there's a lot of fake pictures of it.

Pumpkin Spice Tampons - No.

Pumpkin Spice Vape

Revenge of Spiced Pumpkins

Pumpkin Spice Mustache Wax - Sadly, yes; Stache Bomb sells it on Amazon.

Pumpkin Spice Four Loko - No.

Pumpkin Spice Listerine Strips - No, but there's a lot of fake pictures of it.

Pumpkin Spice Tampons - No.

Pumpkin Spice Vape - Yes, at VapeMall.com.