Indescribable

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Look up indescribable in Wiktionary, the free dictionary. Indescribable may refer to: "Indescribable" (song), a song written and recorded by contemporary

Indescribable may refer to:

"Indescribable" (song), a song written and recorded by contemporary Christian singer-songwriter Laura Story and later also recorded by fellow Christian musician Chris Tomlin

Indescribable (film), a film based on the events surrounding the writing of the hymn, "The Love of God"

Indescribable, an American Thoroughbred racehorse and winner of the 2009 Kentucky Cup Distaff Stakes

Indescribable cardinal

In set theory, a branch of mathematics, a Q-indescribable cardinal is a certain kind of large cardinal number that is hard to axiomatize in some language

In set theory, a branch of mathematics, a Q-indescribable cardinal is a certain kind of large cardinal number that is hard to axiomatize in some language Q. There are many different types of indescribable cardinals corresponding to different choices of languages Q. They were introduced by Hanf & Scott (1961).

A cardinal number

?

${\displaystyle \kappa }$

is called

?

m

n

${\displaystyle \Pi _{m}^{n}}$

-indescribable if for every

?

m

${\displaystyle \Pi _{m}}$

proposition

?

${\displaystyle \phi }$

, and set

A

?

V

?

${\displaystyle A\subseteq V_{\kappa }}$

with

(

V

?

+

n

,

?

,

A

)

?

?

${\displaystyle (V_{\kappa +n},\in ,A)\vDash \phi }$

there exists an

?

<

?

${\displaystyle \alpha <\kappa }$

with

(

V

?

+

n

,

?

,

A

?

V

?

)

?

?

$$(V_{\alpha +n},\in ,A\cap V_{\alpha })\vDash \phi$$

. Following Lévy's hierarchy, here one looks at formulas with m-1 alternations of quantifiers with the outermost quantifier being universal.

?

m

n

$$\Sigma _{m}^{n}$$

-indescribable cardinals are defined in a similar way, but with an outermost existential quantifier. Prior to defining the structure

(

V

?

+

n

,

?

,

A

)

$${\displaystyle (V_{\kappa +n},\in ,A)}$$

, one new predicate symbol is added to the language of set theory, which is interpreted as

A

$${\displaystyle A}$$

. The idea is that

?

$${\displaystyle \kappa }$$

cannot be distinguished (looking from below) from smaller cardinals by any formula of n+1-th order logic with m-1 alternations of quantifiers even with the advantage of an extra unary predicate symbol (for A). This implies that it is large because it means that there must be many smaller cardinals with similar properties.

The cardinal number

?

$${\displaystyle \kappa }$$

is called totally indescribable if it is

?

m

n

$${\displaystyle \Pi _{m}^{n}}$$

-indescribable for all positive integers m and n.p. 59

If

?

$${\displaystyle \alpha }$$

is an ordinal, the cardinal number

?

$${\displaystyle \kappa }$$

is called

?

{\displaystyle \alpha }

-indescribable if for every formula

?

{\displaystyle \phi }

and every subset

U

{\displaystyle U}

of

V

?

{\displaystyle V_{\kappa }}

such that

?

(

U

)

{\displaystyle \phi (U)}

holds in

V

?

+

?

{\displaystyle V_{\kappa +\alpha }}

there is a some

?

<

?

{\displaystyle \lambda <\kappa }

such that

$$\phi(U \overset{?}{\cap} V \overset{?}{)}$$

${\displaystyle \phi (U\cap V_{\lambda })}$

holds in

$$V \overset{?}{+} \overset{?}{}$$

${\displaystyle V_{\lambda +\alpha }}$

. If

$$\overset{?}{}$$

${\displaystyle \alpha }$

is infinite then

$$\overset{?}{}$$

${\displaystyle \alpha }$

-indescribable ordinals are totally indescribable, and if

$$\overset{?}{}$$

${\displaystyle \alpha }$

is finite they are the same as

$$\overset{?}{} \overset{?}{}$$

${\displaystyle \Pi _{\omega }^{\alpha }}$

-indescribable ordinals. There is no

$?$

${\displaystyle \kappa }$

that is

$?$

${\displaystyle \kappa }$

-indescribable, nor does

$?$

${\displaystyle \alpha }$

-indescribability necessarily imply

$?$

${\displaystyle \beta }$

-indescribability for any

$?$

$<$

$?$

${\displaystyle \beta <\alpha }$

, but there is an alternative notion of shrewd cardinals that makes sense when

$?$

$?$

$?$

${\displaystyle \alpha \geq \kappa }$

: if

$?$

$($

U

$,$

$?$

$)$

$${\displaystyle \phi (U,\kappa)}$$

holds in

V

?

+

?

$${\displaystyle V_{\kappa +\alpha }}$$

, then there are

?

<

?

$${\displaystyle \lambda <\kappa }$$

and

?

$${\displaystyle \beta }$$

such that

?

(

U

?

V

?

,

?

)

$${\displaystyle \phi (U\cap V_{\lambda },\lambda)}$$

holds in

V

?

+

?

$${\displaystyle V_{\lambda +\beta }}$$

. However, it is possible that a cardinal

?

$${\displaystyle \pi }$$

is

?

$${\displaystyle \kappa }$$

-indescribable for

?

$${\displaystyle \kappa }$$

much greater than

?

$${\displaystyle \pi }$$

.Ch. 9, theorem 4.3

The Indescribable Wow

The Indescribable Wow is the fifth studio album from American singer and songwriter Sam Phillips. It is her first album for Virgin Records and her first

The Indescribable Wow is the fifth studio album from American singer and songwriter Sam Phillips. It is her first album for Virgin Records and her first album she released after moving from Christian pop to secular alternative rock and using the name Sam rather than Leslie. The single "Holding On to the Earth" peaked at No. 22 on the Billboard Modern Rock Tracks chart in early 1989.

Indescribable (film)

Indescribable is a 2013 film produced by Thorncrown Project in association with Crystal Creek Media, which produced films such as Creed of Gold and Courageous

Indescribable is a 2013 film produced by Thorncrown Project in association with Crystal Creek Media, which produced films such as Creed of Gold and Courageous Love. Filming took place during June and July 2011 in Bryan, Texas. The story is based on the historical events surrounding the writing of the hymn "The Love of God". It was released to home video on April 6, 2013.

Laura Story

2002, Story left Silers Bald and began working on her first album, Indescribable, released independently that same year. In 2004, the title track of

Laura Mixon Story Elvington is an American contemporary Christian music singer-songwriter. Billboard ranked her as the 40th Top Christian Artist of the 2010s. She has won a Grammy and six GMA Dove Awards. Her second studio album, Blessings, reached No. 1 on Top Christian Albums & Americana/Folk Albums (where it spent three weeks atop the charts), and peaked at No. 30 on the Billboard 200. It also achieved RIAA Gold status.

The title track off the album Blessings became her first No. 1 hit on the Billboard Christian Songs chart. The single eventually went on to win the 2012 Grammy Award for Best Contemporary Christian Music Song and achieved Platinum status in the United States.

List of large cardinal properties

cardinals weakly compact (= ?1 1-indescribable), ?m n-indescribable, totally indescribable cardinals, ?-indescribable cardinals ?-unfoldable, unfoldable

This page includes a list of large cardinal properties in the mathematical field of set theory. It is arranged roughly in order of the consistency strength of the axiom asserting the existence of cardinals with the given property. Existence of a cardinal number ? of a given type implies the existence of cardinals of most of the types listed above that type, and for most listed cardinal descriptions ? of lesser consistency strength, V? satisfies "there is an unbounded class of cardinals satisfying ?".

The following table usually arranges cardinals in order of consistency strength, with size of the cardinal used as a tiebreaker. In a few cases (such as strongly compact cardinals) the exact consistency strength is not known and the table uses the current best guess.

"Small" cardinals: 0, 1, 2, ...,

?

0

,

?

1

$${\displaystyle \aleph _{0},\aleph _{1}}$$

,...,

?

=

?

?

$${\displaystyle \kappa =\aleph _{\kappa }}$$

, ... (see Aleph number)

worldly cardinals

weakly and strongly inaccessible, ?-inaccessible, and hyper inaccessible cardinals

weakly and strongly Mahlo, ?-Mahlo, and hyper Mahlo cardinals.

reflecting cardinals

weakly compact (= ?11-indescribable), ?mn-indescribable, totally indescribable cardinals, ?-indescribable cardinals

?-unfoldable, unfoldable cardinals, ?-shrewd, shrewd cardinals (not clear how these relate to each other).

ethereal cardinals, subtle cardinals

almost ineffable, ineffable, n-ineffable, totally ineffable cardinals

remarkable cardinals

?-Erd?s cardinals (for countable ?), 0# (not a cardinal), ?-iterable, ?-Erd?s cardinals (for uncountable ?)

almost Ramsey, Jónsson, Rowbottom, Ramsey, ineffably Ramsey, completely Ramsey, strongly Ramsey, super Ramsey cardinals

measurable cardinals, 0†

?-strong, strong cardinals, tall cardinals

Woodin, weakly hyper-Woodin, Shelah, hyper-Woodin cardinals

superstrong cardinals (=1-superstrong; for n-superstrong for n?2 see further down.)

subcompact, strongly compact (Woodin< strongly compact?supercompact), supercompact, hypercompact cardinals

?-extendible, extendible cardinals

almost high jump cardinals

Vop?nka cardinals, Shelah for supercompactness, high jump cardinals, super high jump cardinals

n-superstrong (n?2), n-almost huge, n-super almost huge, n-huge, n-superhuge cardinals (1-huge=huge, etc.)

Wholeness axiom, rank-into-rank (Axioms I3, I2, I1, and I0)

The following even stronger large cardinal properties are not consistent with the axiom of choice, but their existence has not yet been refuted in ZF alone (that is, without use of the axiom of choice).

weakly Reinhardt cardinal, Reinhardt cardinal, Berkeley cardinal, super Reinhardt cardinal, totally Reinhardt cardinal

Sam Phillips (musician)

Records in order to distance herself from her prior persona. With The Indescribable Wow, Philips moved into mainstream music. The album featured the orchestrations

Leslie Ann Phillips (born January 28, 1962), better known by her stage name Sam Phillips, is an American singer and songwriter. Her albums include the critically acclaimed Martinis & Bikinis in 1994 and Fan Dance

in 2001. She has also composed scores for the television shows Gilmore Girls, Bunheads, and The Marvelous Mrs. Maisel.

Unfoldable cardinal

compact. A ?+?-unfoldable cardinal is indescribable and preceded by a stationary set of totally indescribable cardinals.[citation needed] Hamkins, Joel

In mathematics, an unfoldable cardinal is a certain kind of large cardinal number.

Formally, a cardinal number ? is ?-unfoldable if and only if for every transitive model M of cardinality ? of ZFC-minus-power set such that ? is in M and M contains all its sequences of length less than ?, there is a non-trivial elementary embedding j of M into a transitive model with the critical point of j being ? and j(?) ? ?.

A cardinal is unfoldable if and only if it is an ?-unfoldable for all ordinals ?.

A cardinal number ? is strongly ?-unfoldable if and only if for every transitive model M of cardinality ? of ZFC-minus-power set such that ? is in M and M contains all its sequences of length less than ?, there is a non-trivial elementary embedding j of M into a transitive model "N" with the critical point of j being ?, j(?) ? ?, and V(?) is a subset of N. Without loss of generality, we can demand also that N contains all its sequences of length ?.

Likewise, a cardinal is strongly unfoldable if and only if it is strongly ?-unfoldable for all ?.

These properties are essentially weaker versions of strong and supercompact cardinals, consistent with V = L. Many theorems related to these cardinals have generalizations to their unfoldable or strongly unfoldable counterparts. For example, the existence of a strongly unfoldable implies the consistency of a slightly weaker version of the proper forcing axiom.

Hilltop 26

are still standing, while Jews destroyed houses of Jews

this is an indescribable pain." The settlement was the first to be destroyed during Ariel Sharon's - Hilltop, outpost or lot 26, was an illegal outpost, consisting of a mobile home, founded by Netanel Ozeri outside Hebron in the West Bank. It lay approximately 100 metres (330 ft) from the Kiryat Arba settlement, in the Beqa'a valley. At the time of its destruction. Despite court orders, he kept expanding his outpost, refused to bullet-proof the caravan, fence the area he claimed in, or accept protection from the IDF.

The settlement was dismantled on the night of 24 March 2003 by the Israel Defense Forces (IDF) due to a court order that established that the land belonged to Palestinian families who lived in the area. Ozeri's wife, Livnat, daughter of the Jewish terrorist leader Shaul Nir, stated on the occasion:"I will overcome my personal pain. But what is so painful is the Hillul Hashem [desecration of the name of God] that was committed here. Seeing that the Arab houses are still standing, while Jews destroyed houses of Jews - this is an indescribable pain." The settlement was the first to be destroyed during Ariel Sharon's second term of office.

Keysmash

popularity since 2019, the term is often used to convey intense or indescribable emotions (such as frustration or excitement), and it can also be used

A keysmash (alternatively key smash, key mash or keyboard smash) is internet slang for the typing out of a random sequence of letters on a computer keyboard or touchscreen, often to express intense emotion.

Gaining popularity since 2019, the term is often used to convey intense or indescribable emotions (such as frustration or excitement), and it can also be used as an expression of laughter.

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