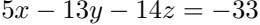


POWERS









(x, z) $(105, 660)$ $+t$ $(-92, -32, 1)$

2020 + 2020 = 2020

$$x^2 + 2 - \sqrt{x^2 + 2} = 1$$

$$x^2 + 2 = \sqrt{x^2 + 2} = x$$



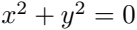














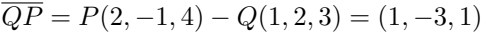
over the course of, several years, 1- several years)



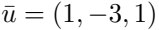
1234567

Q1 2019

REASON



Q R R(2,0,5) R(1,2,3) R(2,2,2)



www.1234567890



$$(x, y, z) = (1, 2, 3) + (1, 3, 1) + (1, 2, 2)$$

$$(x, y, z) = (x_0 + v_1 \mu, y_0 + v_2 \mu, z_0 + v_3 \mu)$$

$$\begin{cases} x = x_0 + u_1\lambda + v_1\mu \\ y = y_0 + u_2\lambda + v_2\mu \\ z = z_0 + u_3\lambda + v_3\mu \end{cases}$$



$$(2, 2, 2) = (1 + 1, 2) + (2 - 2, 2), (3 + 1, 2) = (1 + 2, 2) + (2 - 3, 2), (3 + 2, 2) = (1 + 3, 2) + (2 - 3, 2), (3 + 2, 2) = (1 + 3, 2) + (2 - 3, 2)$$



$$\begin{cases} x = 1 + \lambda - 3\mu \\ y = 2 - 3\lambda - 2\mu \\ z = 3 + \lambda + 2\mu \end{cases}$$



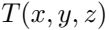
$$\begin{vmatrix} \hat{i} & \hat{j} & \hat{k} \\ 1 & -3 & 1 \\ -3 & -2 & 2 \end{vmatrix}$$

$$[-3(2) - (-2)(1)]^2 + [-1(2) - (-3)(-3)]^2$$

$$\frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} \right) = \frac{1}{2}$$







$$QI = I(x, y, z) \Rightarrow x - 1, y - 2, z - 3$$



$(x-1)(x-2)(x-3)(x-4)(x-5)(x-1)(x-1)=0$

$$(x-1)^4(x-2)^5(x-3)^{11}=0$$

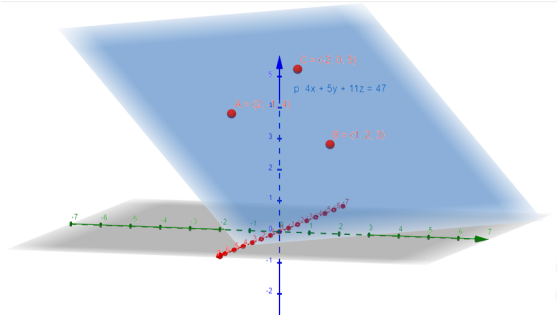
12 + 10 = 22

1500 + 1500 = 3000

1234567890







$$\begin{cases} x = 1 + \lambda \\ y = -2 + 4\lambda \\ z = 1 + 7\lambda \end{cases}$$

$$\begin{cases} x = 4 + \mu \\ y = 1 + 2\mu \\ z = -1 + 5\mu \end{cases}$$







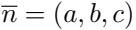


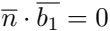
A pixelated, black and white graphic of the word "EQUUS". The letters are thick and blocky, with a jagged, pixelated edge. The 'E' is composed of three horizontal bars. The 'Q' has a small tail. The 'U' is a simple U-shape. The 'S' is a simple S-shape. The 'E' is composed of three horizontal bars. The 'Q' has a small tail. The 'U' is a simple U-shape. The 'S' is a simple S-shape. The 'E' is composed of three horizontal bars. The 'Q' has a small tail. The 'U' is a simple U-shape. The 'S' is a simple S-shape.





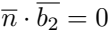






QED





Q. D. E. I. 25 = 0

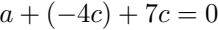














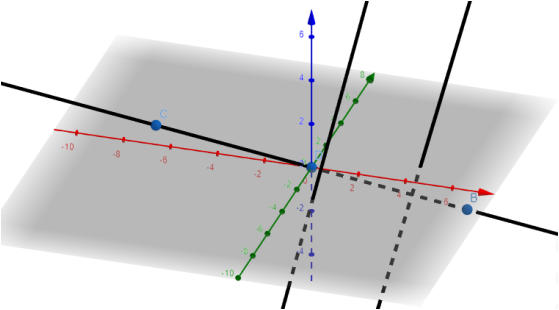


DESIGN FOR ASSEMBLY

$\frac{d}{dx} \left(x^2 + 3x + 2 \right) = 2x + 3$



$$\begin{cases} x = -3\lambda \\ y = -\lambda \\ z = \lambda \end{cases}$$



A pixelated, black and white representation of the number 1994. Each digit is constructed from numerous small, overlapping shapes, creating a mosaic-like effect. The number is centered horizontally and occupies most of the image's width. The background is a light gray gradient.

$$\begin{cases} x = 2 + 3\lambda \\ y = -1 + \lambda \\ z = 7 + 4\lambda \end{cases}$$

10

1

14

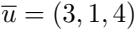
1

17

5

2

6



WORLDWIDE





$$\pi \cdot \vec{v} = (a, b, c) \cdot (5, 2, 6) = 5a + 2b + 6c = 0$$

$$2. x = 0, 1, 4 \Rightarrow 30 + 0 + 4 = 0.$$



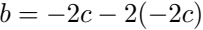




50 + 20 = 70







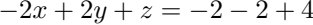


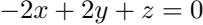
1920-2020

$$a(x) + b(x) + c(x) = 0$$

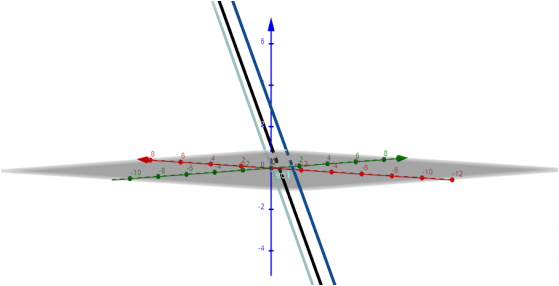
$$2x - 1 + 2x - 1 + 2x - 1 = 0$$

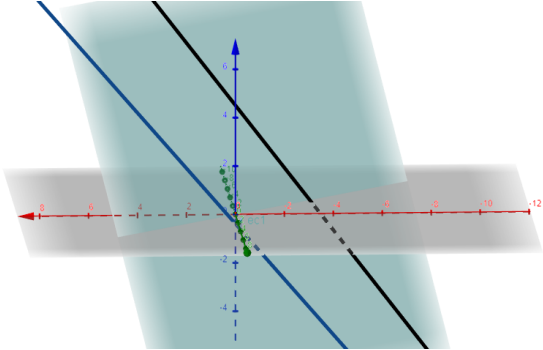












1234567

$$\begin{cases} x = -1 + 2\lambda + 3\mu \\ y = 4\lambda - \mu \\ z = 2 - 3\lambda + 2\mu \end{cases} \quad y \quad 2x-5y+z=0$$

$$(x, y, z) = (1, 0, 2) + \lambda (2, 4, -3) + \mu (3, 1, 2),$$

$(x+1)^2 = x^2 + 2x + 1$



$$\begin{vmatrix} x+1 & y & z-2 \\ 2 & 4 & -3 \\ 3 & -1 & 2 \end{vmatrix} = 0$$

$$: (x + 1)(x - 3)(x + 2)(x - 2)(x - 12) = 0$$

$$=x+15x+13x+12x-14x=0$$

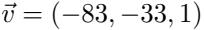
1234567890

$$\begin{cases} 2x - 5y + z = 0 \\ 5x - 13y - 14z = -33 \end{cases}$$

$$\begin{pmatrix} 2 & -5 & 1 & 0 \\ 5 & -13 & -14 & -33 \end{pmatrix} \sim \begin{pmatrix} 2 & -5 & 1 & 0 \\ 0 & -1 & -33 & -66 \end{pmatrix} \sim \begin{pmatrix} 2 & 0 & 166 & 330 \\ 0 & -1 & -33 & -66 \end{pmatrix} \sim \begin{pmatrix} 1 & 0 & 83 & 165 \\ 0 & -1 & -33 & -66 \end{pmatrix}$$

$$\therefore \begin{cases} x + 83z = 165 \\ -y - 33z = -66 \end{cases}$$

$$\begin{cases} x = 165 - 83t \\ y = -33t + 66 \\ z = t \end{cases}, t \in \mathbb{R}$$



12-01

π · 222 + 222 = 222





$$332 - 330 = 2 \Rightarrow 335 = 330 \Rightarrow 335 = 335$$

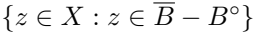
2023-2024

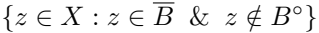
PROBABLY FOR

$$\bigcap_{k=1}^{\infty} B_{1/k}(0) = \bigcap_{n \rightarrow \infty} \bigcap_{k=1}^n B_{1/k}(0) = \bigcap_{n \rightarrow \infty} B_{1/n}(0) = B_0(0) = \{0\}$$

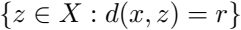
$$B_1(0) \supset B_1 \cap (0) \supset B_1 \cap (0) \supset B_1 \cap (0) = (0)$$

W E X O S O S O S O S



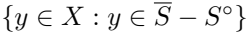


Handwritten text: *Handwritten text, possibly a signature or name, written in cursive script.*



1923-24

W E X O W O W



1234567890





1984













BEFORE





As a result of the







THE UNIVERSITY OF CHICAGO

THE WORLD OF

THE WORLD OF THE FUTURE



WOW! E!

Exposition







W E W O W + W W





Q&A: How to use the new + sign

2020 + 2021



$$\frac{1}{x^2} = x^{-2} = -2x^{-3} = -\frac{2}{x^3}$$

WOLFGANG AMERSON

9-20-2020

11/20/2020 11/20/2020

WORLD FOR WORLD

Q. Q. E. Q. Q.

BRANDON



Welp, it's a
+ sign



Q&A

1/10/2020 12:00 PM

Wormholes

Beethoven's 10th Symphony

www.arxiv.org

THE WORLD OF

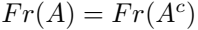








FOR THE RECORD



ARMOR FOR THE IR

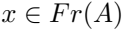


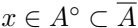




W E A W A W A





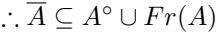






W E A R A R A

2019-2020



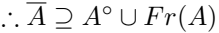


1941



WE ARE HERE





[illegible]









$\frac{m}{m+1}$

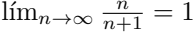
$\frac{m}{m+1}$

$\frac{m}{m+1}$

$\frac{m}{m+1}$











$$\frac{n}{n+1}$$

—

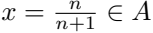
1

\in

€



$$Ad \left(x \in B : \neg \left(x \in A \wedge 0 \right) \right) = 1$$



1845

BEVERLY
HILL
CALIFORNIA
U.S.A.

BEIN A FIVE



For

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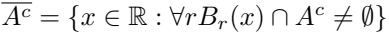
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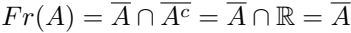


BEFORE AND AFTER



BRANDS





FAA

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—

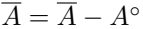
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QA

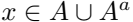
















Br(x)A=0 *Br(x)A=0*







A

U

AO

GO

A















1995





Belevo





Beethoven's 10th

level-1: $\text{Bo}(\text{X})$ in R

$$U_{ef^{-1}(v)}(B_\delta(x) \cap R^n) \subset U_{ef^{-1}(v)} f^{-1}(B_\delta(f(x)) \cap f^{-1}(V) \cap U_{ef^{-1}(v)} B_\delta(x) \cap R^n$$

100%

U = U_{exp} - 1
Boson





$$f^{-1}(V^c) = f^{-1}(R^n \setminus V) = R^n \setminus f^{-1}(V) = R^n \setminus V$$



$$x \in f^{-1}(V) \Rightarrow x \in f^{-1}(R^n - V) \Rightarrow f(x) \in R^n - V \Rightarrow x \notin f^{-1}(V) \Rightarrow x \in R^n - f^{-1}(V)$$

1-11-2020

1954-1955



$$f^{-1}(M) = R^n \cap f^{-1}(M) = R^n \cap f^{-1}(M^c) = R^n \cap (R^n \cap M^c) = R^n \cap R^n = R^n$$





1992-1993

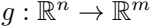




[illegible]

for the first time





1992-1993



$$f(x, y, z) = \sqrt{x^2 + y^2} - z.$$

$$x^2 + \sqrt{x^2 + x^2} - 1 = 0$$

$$2 + \sqrt{2} + \sqrt{2} - 1 = -1$$

$$x^2 + 2 - \sqrt{x^2 + 2} = 0$$

$$x^2 + \sqrt{x^2 + x^2} - 1 = 0$$



$$x^2 + \sqrt{x^2 + x^2} - 1 = 1$$

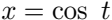


$$x^2 + 2x - \sqrt{x^2 + 2x} = c + 1$$

$$x^2 + 2 - \sqrt{x^2 + 2} = 0 + 1$$

$$x^2 + 2 - \sqrt{x^2 + 2} = c + 1$$

$\cos t, \sin t, 1 - \sin t$

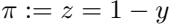


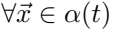




2020-2021















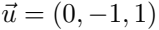




$$\begin{cases} x = \lambda \\ y = 1 - \mu \\ z = \mu \end{cases} \quad \lambda, \mu \in \mathbb{R}$$

100%

1000



$$(x, y, z) = (0, 1, 0) + x(0, 1, 0) - 1, 1)$$

$$f(x, y) = c \sqrt{1 - \frac{x^2}{a^2} + \frac{y^2}{b^2}}$$

$$\frac{x^2}{0^2}$$

$$\frac{1}{1}$$

$$\frac{v^2}{0^2}$$

$$\frac{c}{c}$$

$$\frac{1}{1}$$



1995-2000

$$\frac{x^2}{0^2}$$

$$=$$

$$\frac{v^2}{0^2}$$

$$\frac{c}{0}$$

$$\frac{1}{1}$$



$$\frac{x^2}{x^2}$$

$$+$$

$$\frac{x^2}{0^2}$$

$$=$$

$$\frac{v^2}{0^2}$$

$$=$$

$$1$$



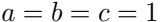












$$\lim_{(x,y) \rightarrow (0,0)} \frac{x^2}{\sqrt{x^2+y^2}}$$



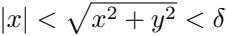


$$0.9999999999999999 + 0.0000000000000001 = 1.0000000000000000$$

$$\left| \frac{x^2}{\sqrt{x^2 + y^2}} - 0 \right| < \epsilon$$

0 1 2 3 4 5 6

$$x^2 \leq x^2 + y^2 \Leftrightarrow \frac{1}{x^2 + y^2} \leq \frac{1}{x^2} \Leftrightarrow \frac{1}{\sqrt{x^2 + y^2}} \leq \frac{1}{\sqrt{x^2}} \Leftrightarrow \frac{x^2}{\sqrt{x^2 + y^2}} \leq \frac{x^2}{\sqrt{x^2}} = \frac{|x^2|}{|x|} = \frac{|x|^2}{|x|} = |x|$$







$$\left| \frac{x^2}{\sqrt{x^2+y^2}} - 0 \right| = \left| \frac{x^2}{\sqrt{x^2+y^2}} \right| = \frac{x^2}{\sqrt{x^2+y^2}} \leq \frac{x^2}{\sqrt{x^2}} = |x| < \epsilon$$







|| *xx, xv* || *xx, xv* || *xx, xv* ||

$$f(x,y)=\begin{cases}\frac{x^2-y^2}{\sqrt{x^2+y^2}}, & (x,y)\neq(0,0) \\ 0, & (x,y)=(0,0)\end{cases}$$

$$\left| \frac{x^2 - y^2}{\sqrt{x^2 + y^2}} - 0 \right| = \left| \frac{x^2 - y^2}{\sqrt{x^2 + y^2}} \right| = \frac{|x^2 - y^2|}{\sqrt{x^2 + y^2}} = \frac{|x^2 + (-y^2)|}{\sqrt{x^2 + y^2}} \leq \frac{|x^2| + |(-y^2)|}{\sqrt{x^2 + y^2}} = \frac{x^2 + y^2}{\sqrt{x^2 + y^2}} = \sqrt{x^2 + y^2}$$

$$|| (x, y) - 0 || = \sqrt{x^2 + y^2} < \delta \Rightarrow || f(x, y) - f(0, 0) || = \left| \frac{x^2 - y^2}{\sqrt{x^2 + y^2}} - 0 \right| < \epsilon$$

$$f(x,y)=\begin{cases}\frac{x^4-y^4}{x^2+y^2}, & (x,y)\neq(0,0) \\ 0, & (x,y)=(0,0)\end{cases}$$

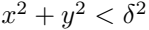
$$\left| \frac{x^4 - y^4}{x^2 + y^2} - 0 \right| = \left| \frac{x^4 - y^4 + 2x^2y^2}{x^2 + y^2} \right| \leq \frac{|x^4 + 2x^2y^2| + |-y^4|}{x^2 + y^2}$$

$$\begin{aligned}
 &= \frac{|x^4 + 2x^2y^2| + y^4}{x^2 + y^2} \leq \frac{|x^4| + |2x^2y^2| + y^4}{x^2 + y^2} = \frac{x^4 + 2x^2y^2 + y^4}{x^2 + y^2} = \frac{(x^2 + y^2)^2}{x^2 + y^2} = x^2 + y^2
 \end{aligned}$$

$$= \sqrt{x^2 + x^2} + \sqrt{x^2 + x^2}$$

$$x^2 + x^2 = 0$$

$$\sqrt{x^2 + y^2} \sqrt{x^2 + y^2} + \sqrt{x^2 + y^2} \sqrt{x^2 + y^2}$$





$$||f(x,y)-f(0,0)||= \left| \frac{x^4-y^4}{x^2+y^2}-0 \right| < x^2+y^2 < \delta^2 = \epsilon$$