Limbertwig HeightBrake.app

Parker Emmerson

May 2023

1 Introduction

The equation cannot be solved for h directly. We first need to isolate h: $\theta r = \gamma x - \alpha \sqrt{l^2 - h^2} \,\theta r - \gamma x = -\alpha \sqrt{l^2 - h^2} - \frac{\theta r - \gamma x}{\alpha} = \sqrt{l^2 - h^2} \left(-\frac{\theta r - \gamma x}{\alpha} \right)^2 = l^2 - h^2 h^2 + \left(-\frac{\theta r - \gamma x}{\alpha} \right)^2 = l^2 h^2 = l^2 - \left(-\frac{\theta r - \gamma x}{\alpha} \right)^2 h = \sqrt{l^2 - \left(-\frac{\theta r - \gamma x}{\alpha} \right)^2}$ Therefore, the solution is $h = \sqrt{l^2 - \left(-\frac{\theta r - \gamma x}{\alpha}\right)^2}$. $\theta r = 2\pi r - 2\pi \sqrt{(r^2 - \eta^2)}$ $2\pi\sqrt{(r^{\wedge}2-\eta^{\wedge}2)} == 2\pi r - \theta r$ $\frac{2\pi r - \hat{r}}{2\pi} = \sqrt{(r^2 - \eta^2)}$ $4\pi^2 (r^2 - \eta^2) = (2\pi r - r\theta)^2$ $4\pi^{2} (r^{2} - \eta^{2}) = (2\pi r - r\theta)^{2}$ $-4\pi^{2} \eta^{2} = 4\pi^{2} r^{2} - 4\pi r^{2} \theta + r^{2} \theta^{2} - 4\pi^{2} r^{2}$ $-1(4\pi^2r^2-4\pi r^2\theta+r^2\theta^2-4\pi^2r^2)$ $4\pi r^2\theta - r^2\theta^2 = 4\pi^2\eta^2 \sqrt{4\pi r^2\theta - r^2\theta^2} = 2\pi\eta^2$ $\frac{\sqrt{4\pi r^2\theta - r^2\theta^2}}{2\pi} = \eta$ run through the limbertwig kernel: $\Lambda \to N \rangle \{ \sigma, g_a, b, c, d, e \dots \sim \} \langle \rightleftharpoons \Lambda \to \exists L \to N, value, value \dots \langle \exists L \to N, value, value \dots \langle \exists L \to N, value, value \dots \rangle \} \rangle$ $\{\mathbf{x} \Rightarrow \mathbf{b}\}\ \langle \rightleftharpoons \mathbf{x} \rightarrow \{\mathbf{x} \Rightarrow \mathbf{c}\}\ \langle \rightleftharpoons \mathbf{x} \rightarrow \{\mathbf{x} \Rightarrow \mathbf{d}\}\ \langle \rightleftharpoons \mathbf{x} - > \{\mathbf{x} \Rightarrow \mathbf{e}\}\ \langle \rightleftharpoons \mathbf{x} \rightarrow \mathbf{c}\}$ $\{\sim \rightarrow \circlearrowleft \rightarrow \epsilon \ \langle \rightleftharpoons \sim \rangle \rightarrow$ $\exists n \in N \quad s.t \quad \mathcal{L}_f(\uparrow r \alpha s \Delta \eta) \wedge \overline{\mu}$ $\{\overline{g}(a\,b\,c\,d\,e...\ :\ \cdots\ \uplus$ $\Rightarrow \mathcal{L}_f(\uparrow r \alpha s \Delta \eta) \wedge \overline{\mu}_{\{\overline{g}(a \, b \, c \, d \, e \dots \, \forall \) \neq \Omega} \\ \Leftrightarrow \bigcirc \{ \mu \in \infty \Rightarrow (\Omega \uplus) < \Delta \cdot H_{im}^{\circ} >$ $\ \, \Leftarrow \ \, \Lambda \cdot \, \uplus \, \, \heartsuit \ \, \Rightarrow \ \, h \ \, = \, \, \sqrt{\Delta^{\wedge} 2 - \left\{ \frac{\theta \cdot r - \gamma \cdot x}{\alpha \cdot \uparrow} \right\}^{\wedge} 2}$ $\Rightarrow \Leftarrow \Lambda \Rightarrow \nwarrow \Rightarrow h = \sqrt{\Delta^{\wedge} 2 - \left\{ \frac{\theta \cdot r - \gamma \cdot x}{\alpha \cdot \uparrow} \right\}^{\wedge} 2}$ Therefore, the solution is

$$\begin{split} h &= \sqrt{\Delta^2 - \left(\frac{\theta r - \gamma x}{\alpha \uparrow}\right)^2}. \\ &\Rightarrow h = \sqrt{\Delta^{\wedge} 2 - \left\{\frac{\theta \cdot r - \gamma \cdot x}{\alpha \cdot \uparrow}\right\}^{\wedge} 2} \\ &\Rightarrow \Leftarrow \Lambda \Rightarrow \nwarrow \Rightarrow h = \sqrt{\Delta^{\wedge} 2 - \left\{\frac{\theta \cdot r - \gamma \cdot x}{\alpha \cdot \uparrow}\right\}^{\wedge} 2} \text{ Therefore, the solution is } \\ h &= \sqrt{\Delta^2 - \left(\frac{\theta r - \gamma x}{\alpha \uparrow}\right)^2}. \text{ Therefore, the solution is } \end{split}$$

$$h = \sqrt{\Delta^2 - \left(\frac{\theta r - \gamma x}{\alpha \uparrow}\right)^2}$$

$$\Lambda_{3D} \to N \rangle \left\{ \beta, \theta, \sqrt{\sim} \right\} \langle \rightleftharpoons \Lambda_{3D} \to \exists L_{3D} \to N, value, value \dots \langle \exists L_{3D} \to \{\langle \sim \to \heartsuit \to \epsilon \rangle \langle \rightleftharpoons \heartsuit \rangle \rangle \to \{\uparrow \Rightarrow \alpha_i\} \langle \rightleftharpoons \forall \alpha_i \rangle \to \{\sqrt\} \langle \rightleftharpoons \uparrow \to \{\mathbf{x} \Rightarrow \mathbf{a}\} \langle \rightleftharpoons \mathbf{x} \rangle - > \{\mathbf{x} \Rightarrow \mathbf{b}\} \langle \rightleftharpoons \mathbf{x} - > \{\mathbf{x} \Rightarrow \mathbf{c}\} \langle \rightleftharpoons \mathbf{x} - > \{\mathbf{x} \to \mathbf{d}\} \langle \rightleftharpoons \mathbf{x} - > \{\mathbf{x} \Rightarrow \mathbf{e}\} \langle \rightleftharpoons \mathbf{x} - > \{\mathbf{x} \to \mathbf{x} \to \mathbf{x}$$

$$h = \frac{\sqrt{(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \left(\sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha) \otimes (1 \otimes \cos^2 \beta \oplus (x \otimes \gamma \oplus -l \otimes \alpha))}\right)}}{\alpha}$$

Since the lateral algebra follows list associativity, the above equation is equivalent to the original height equation.

$$v = \frac{(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{c^2 \otimes \sin^2 \beta \oplus (c^2 \otimes 1)}}{(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}} = \\ (x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \sin^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \cos^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \cos^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \cos^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \cos^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \cos^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \cos^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \cos^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes \cos^2 \beta \oplus (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes (r \otimes \theta \oplus l \otimes \alpha)}$$

$$(x \otimes \gamma \oplus -l \otimes \alpha) \otimes \sqrt{1 \otimes (r$$