A Formal Definition of Season's Greetings

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December 22, 2015

Introduction

In this work, we provide a formal demonstration of the yearly season's greetings. In addition, we provide an interactive 3 dimensional visualisation of a *hyperLOPIT* experiment[1].

Material and methods

The 3D specimen was printed on a MakerBot Replicator 2. Hardware access was kindly provided by Dr. B Adryan. Colour of the specimen was performed using *essentials*™Acrylic Artist Colours generously provided by Dr. M Deery.

Demonstrations

Greetings 1

$$
\begin{aligned}
y &= \frac{\log_e\left(\frac{x}{m} - sa\right)}{r^2} \\
yr^2 &= \log_e\left(\frac{x}{m} - sa\right) \\
e^{yr^2} &= \frac{x}{m} - sa \\
me^{yr^2} &= x - msa \\
me^{rry} &= x - mas
\end{aligned}
$$

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Greetings 2

$$\ln\left(\frac{e^{a_r}+p^2H_a}{N}\right)=w-\ln(y)$$
$$\ln(y)+\ln\left(\frac{e^{a_r}+p^2H_a}{N}\right)=w$$
$$\ln\left(\frac{e^{a_r}+p^2H_a}{N}y\right)=w$$
$$\frac{e^{a_r}+p^2H_a}{N}y=e^w$$
$$\left(H_ap^2+e^{a_r}\right)y=Ne^w$$
$$H_appy=Ne^w-ye^{a_r}$$

Conclusions

We anticipate further progress and groundbreaking results in 2016.

Acknowledgement

We would like to thank Mr. R. Gatto for the cover art.

References

[1] Christoforou A, Mulvey CM, Breckels LM, Geladaki A, Hurrell T, Hayward P, Naake T, Gatto L, Viner R, Martinez Arias A, and Lilley KS. *A draft map of the mouse pluripotent stem cell spatial proteome, Nature Communications*, Nature Communications, 2015.