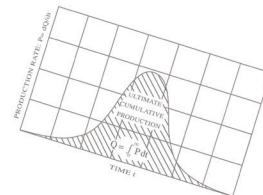


Mathematics Awareness Month - April 2013

Mathematics of Sustainability

$$\frac{dP}{dt} = \lambda P \left(1 - \frac{P}{N}\right) - h$$

$$\text{Gini Coef} = 1 - 2 \int_0^1 L(x) dx$$



$$R \frac{\partial T}{\partial t} = Q_s(y)(1 - \alpha(y)) - I(y) + C(\bar{T} - T)$$



Balancing needs and seeking solutions for a complex changing world

To learn more about the connections between mathematics and sustainability, visit

www.mathaware.org



Joint Policy Board for Mathematics: American Mathematical Society, Mathematical Association of America, Society for Industrial and Applied Mathematics, American Statistical Association

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