Formlas, missing J, L, M, N

A. *Einstein mass/energy:*

$$E_0 = mc^2$$

B. *Maxwell's Equations in Vacuum:*

$$\nabla \cdot \mathbf{B} = 0 \qquad \nabla \cdot \mathbf{E} = 0$$
$$\nabla \times \mathbf{B} = \frac{1}{c}\frac{\partial \mathbf{E}}{\partial t} \qquad \nabla \times \mathbf{E} = -\frac{1}{c}\frac{\partial \mathbf{B}}{\partial t}$$

C. *Stokes' Theorem*

$$\int_M d\omega = \int_{\partial M} \omega$$

D.

$$\{Q, Q\} = P$$

E. *Primes and the zeta function:*

$$\prod_p \frac{1}{1 - \frac{1}{p^s}} = \sum_{n=1}^{\infty} \frac{1}{n^s}$$

F. *Heisenberg Uncertainty Principle:*

$$\Delta x \Delta p \geq \hbar/2$$

G. *Kepler's Second Law*

$$\frac{d\theta}{dt} \propto \frac{1}{r}$$

H. *Kepler's Third Law*

$$T \propto a^{\frac{2}{3}}$$

I. *Newton's Law of Gravitation:*

$$F = \frac{Gm_1 m_2}{r^2}$$

K. *Einstein's General Relativity Equation:*

$$R_{\mu\nu} - \frac{1}{2}Rg_{\mu\nu} = 8\pi T_{\mu\nu}$$

O. *Yang-Mills equations:*

$$F = dA + A \wedge A$$

$$D_A^* F_A = 0$$

Non-curved medallion formulas:

IV *Equations for Lorenz attractor:*

$$\frac{dx}{dt} = \sigma(y - x)$$

$$\frac{dy}{dt} = x(\rho - z) - y$$

$$\frac{dz}{dt} = xy - \beta z$$

XII. *Golden mean = partial fraction expansion:*

$$\lim_{n \to \infty} \frac{F_{n+1}}{F_n} = 1 + \frac{1}{1 + \ldots}$$