Να γραφούν οι παρακάτω εξισώσεις με τη χρήση του Equation Editor

1	$A = \begin{bmatrix} 1 & 5 & -1 & 2 \\ 3 & 9 & 1 & 6 \\ -2 & 0 & 1 & 3 \end{bmatrix}$
2	$\lvert\Gamma\rvert = \begin{vmatrix} 1 & 5 & -1 \\ 3 & 9 & 1 \\ -2 & 0 & 1 \end{vmatrix}$
3	$\lim_{x\to 0} \frac{e^x - 1 - x - {}^{x^2}/_2}{x^2}$
4	$f(x) = \ln\left(\frac{x\sqrt{x^2+1}}{2x+1}\right)$
5	$Df = \left(-\infty, -\frac{1}{2}\right) \cup (0, +\infty)$
6	$P_f(4) = \frac{\acute{R}(t)}{R(t)} = \frac{d \ln R(t)}{dt}\Big\vert_{t=4}$
7	$\lVert u - v\rVert = \sqrt{(u_1 - v_1)^2 + (u_2 - v_2)^2 + (u_3 - v_3)^2}$
8	$f(x) = \begin{cases} 2 + 5e^{-\frac{1}{x^2}}, & x \neq 0 \\ m, & x = 0 \end{cases}$
9	$\lim_{x\to x_0^+} f(x) = \lim_{x\to x_0^-} f(x) = f(x_0)$
10	$\acute{y}(t) = y(t)\left[2\ln(t^2+1) + 2t\frac{(t^2+1)'}{t^2+1}\right]$
11	$\int (x^2+1)e^{-2x}dx$
12	$S_\nu = \frac{\alpha_1(\lambda^{\nu-1} - 1)}{\lambda - 1}$
13	$\lim_{x\to\infty} \frac{x^{3^{\frac{\infty}{\infty}}}}{e^{2x}} = \lim_{x\to\infty} \frac{(x^3)'}{(e^{2x})'}$