Math 2403 Formula Sheet

1 Chapter 2

$\cos\theta_1 \cos\theta_2 - \sin\theta_1 \sin\theta_2 = \cos(\theta_1 + \theta_2)$
$\sin\theta_1 \cos\theta_2 + \cos\theta_1 \sin\theta_2 = \sin(\theta_1 + \theta_2)$

`book` The first five International Congresses of Mathematicians were held in the following cities:

Chicago	U.S.A.	1893
Zürich	Switzerland	1897
Paris	France	1900
Heidelberg	Germany	1904
Rome	Italy	1908

General FOLDE: $\frac{dy}{dt} + p(t)y = g(t)$. integrating factor $u(t) = e^{p(t)\,dt}$

General FOLDE $\frac{dy}{dt} + p(t)y = g(t)$. integrating factor $u(t) = e^{p(t)\,dt}$ | this is a long body of text | but not as

$$f(x) = sin(x) - e^{(-3x)} \tag{1}$$

that is placed on a line by itself

$$u(t) = e^{\int_0^\infty p(t)\,dt}$$

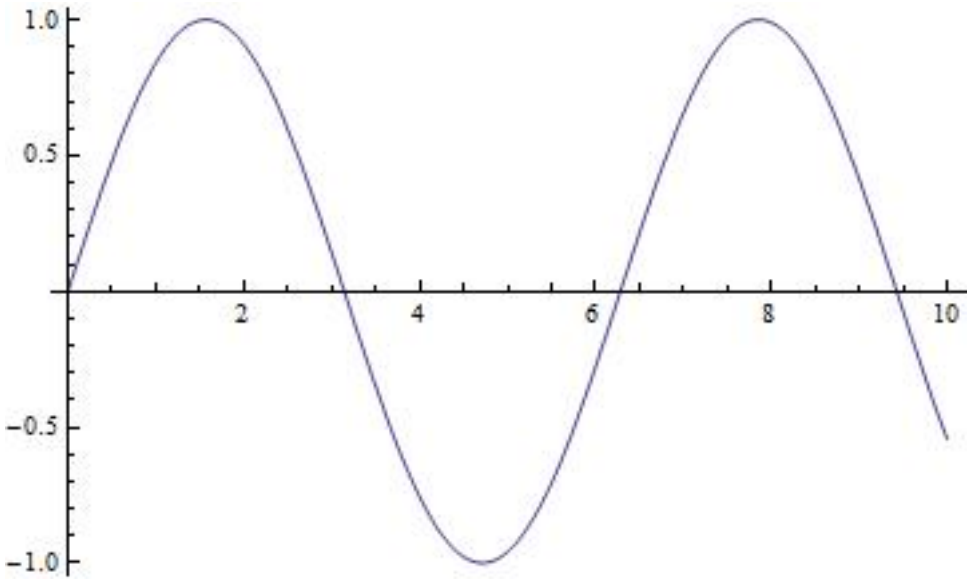

Figure 1: Graph of sin(x)