Answers to Even Non- Web Assign HW Semi-stable 0

6) 
$$y = \frac{1}{x^2 + C}$$

12) 
$$y^2 = -\frac{1}{6} + \tan^2(3x) + C$$

$$y^2 = -\frac{1}{6} 4ec^2(3x) + C$$

34) 
$$y = \sqrt{2\cos x - 1}$$
, eq  $(-\frac{11}{3}, \frac{11}{3})$ 

$$|4| y = -\frac{1}{24} e^{-x} \cos(2x) + \frac{ce^{-x}}{x} for 0 < x < \infty$$

$$(0r - \infty < x < 0)$$

Entire solution is transient

No tousiet term (clearly)

u-substitution

two possibilities for u.

36) 
$$y = \sin x \cos x - \cos x$$