The skeleton of the jair2023 Topological group will be form mostly on jair2018.github.io.

JANUARY 2020

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6 Meet iris First day of class	7	8	9 Differential Assignment 1 start	10 Fees are due Meet Stephanie	11
12 Full Refund (100%)	13	14	15 Differential Assignment 1 DUE	16	17	18
19 10% of course fee withheld	20	21 Complex Analysis Assignment 1	22	23 Differential Assignment 2 2 Questions are hard	24 ECON QUIZ 1 (GOOGLE)	25
26	27	28	29 Differential Assignment 2 Due	30	31	

Holidays and Observances: 1: New Year's Day, 20: Martin Luther King Jr. Day

www.wiki-calendar.com

SCAN ALL RECEIPTS ON GITHUB

Differential Equations Assistant Professor Ian Moyler.

The doer post notes ☺

$$\frac{dx}{dt} = 8(x^2+1) \qquad y = x+1+\frac{c}{x}$$

$$\int \frac{dx}{x^2+1} = \int 8\,dt \qquad y(1)=3$$

$$\tan^{-1}(x) = 8t \qquad 3 = 1+1+\frac{c}{1}$$

$$x = \tan(8t+c) \qquad 3 = 2+c$$

$$c = 1$$

$$1 = \tan(\tfrac{\pi}{4}+c)$$

$$1 = \tan(2\pi+c)$$

$$\tan^{-1}(1) = 2\pi+c$$

$$\frac{\pi}{4} = 2\pi+c$$

$$c = -\frac{7}{4}\pi$$