

Minutes – MAT1575

Date: 11/5/2020	Time: 10:50am – 12:00pm	Location: BB Collaborate
Host	Anthony John Regner	
Presenters	Rafael Diez, Louis Checo-Rojas, Edwin Tito, Kai Halls-Long	
HOT Topic Presentation #1 – Anthony John Regner		
Time interval: [10:53 – 11:01]	Question: Integrate $\int \frac{(4x-2)}{x^2+8x+16}$	
Topic: Partial Fraction Decomposition <i>Standard #4</i>	Notes: Louis asked why did I separate steps #5 and #6? (Response: I have to separate the terms with x and terms without it.	
HOT Topic Presentation #2 – Edwin Tito		
Time interval: [11:13 – 11:35]	Question: Find the center, radius of convergence and interval of convergence for the power series: $\sum_{n=0}^{\infty} \frac{(-1)^n(x-2)^n}{n^2+7}$	
Topic: Power Series <i>Standard #9</i>	Notes: Why does p have to be greater than 1 to converge? – Because of the denominator in the exponent. Make your presentation less than 10 minutes	
HOT Topic Presentation #3 – Louis Checo-Rojas		
Time interval: [11:48 – 11:52]	Question: Integrate $\int_0^1 \frac{x}{\sqrt{x^2+8}}$	
Topic: u-substitution <i>Standard #1</i>	Notes: Why did you apply the limits of integration – Because I want to make the integral pretty.	
Discussion Notes		
To make a good presentation, students must explain each step of the problem that were assigned while keeping the time under 10 minutes. To help prepare for each presentation, it is suggested that students number their steps to make their presentations well-organized and coherent.		