1/29/2020 1106 DIS 208 Week 2 (#1) Discussion Outline - Upcoming Assessment - Form Groups Adivity - Rectation Worksheet Benjamin Thurson bgt37e cornell.edu Office hours: 3-5 Thu.

Upcoming Assessment - Reading Quiz 4 (Tongst), 1/29) (Monday, 2/3) - partial solutions upland - Homework 2 - Reaching Quiz 5 (Monday, 2/3) - not yet uplouded (6 weeks away, 10/3) - Prelim 1 · Cun always ask questions on Praja

· Other resources: Stack Exchange.

Extra Exercise:

Prove Pythagorus' Thm.

Anen of square method 1:

(u+b)<sup>2</sup>

Area of square method 2: 4x area trough + area of contal square  $4. \frac{1}{2}ab + c^2 = 2ab + c^2$ .

a2+206+62= c2

BONW CONTENT Extra Question: In the given trumb, exam) sp=={(b) thinking of the sides us formula for the veeter going from the origin to the centroid? +カニマ アニマーラ

Last Time: Vectors, vector fields

Today: - Population models (one variable) - X' = rX (p29-30, Modeling Life) - x'=6x-cx2 (p30-31, M.L.) a.k.a logistic egn

a.k.a population madel with crowding

- Signesid function - (Extra) Newton's Law of Cooling.

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