Loung Magas, Rut omate UNK from ombutation ombutation Web Yage .S 205 SUNSE

My - home youl

- Hoperoft, Motwani & Ullman 2007 Pext

646] Hopereyt & Ullman

Grading

50°/, Quizzes 40°/, HW

۷ (

Interactions: Teams (poetierred) Email responses will talk mone time

Doubols / Queries

Automoters with constrained Fundamental Capaby 1875. Constations of Models of computation Q: What is the course about 9 computers,

honguage acceptance (strings / words) finite Frite Lubrabe -> Posh down -> Turing Symboli Complexity theory; computations with Lane me monies

When do two sets A and B have Condinatify of Sets

injective (one-to-one) When there is a biguetion seem them mf + mf <= 6 + x sugetive (onto) Mye B. FreA injustice: \$(2) = (2) \$ = 9 J: A > B 1 AGIR DOWNS DIDE Q (1) A = {0,1,2,...} Suzzective 60 L

-3,-9,-1, B, Contably infinite count alote 12, 2, 13, 3 F(x) = 2xKrite Pr 000 N () 5 - 12/2/ 7 -Llen umeralble - Countable N W A Salara 丛

1 6 1 (2,2) { (E,3) } (1,2) (6, 2y 1 1117 (F) N Denomerable # * #

.

(

.

(

(go), (h, c), (c), j, (go), (h, l), (6, 8) 000

1,9 impgars of roof no.s the farm <u>6</u> Real no.s. my too

Deno merable ?

9

antor: Diagonalization Fehnique

(0,1); set of all reals 2 not countable Apol by contradiction