Riddelli 111002194201 Chapter - 17 39 1 Inserting n everneurs Aggengage mejuvol: - Jue rousies in size unen - 80, if the oeiginal size is ogser insertion it doubles insertions, soit doubles to For general, groupe doublings pseudo vode () () - initialize tausse ville aparity if taisle is full? new tasse = more mira size 24 merent size to new raise.

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insect evenent into taisle plit un= 10g (ent.1) 5 bis our Tetal west = o(n) & k of blo cody flotnings) yes Anoustize suest pur insurion = aldri Thi? I has of logue). a monda i si Total time is o(u) & wg (u+1) (b) Accounting method: · charge 2 mils pour each inscertion - mener true talste doubles in size plo gam me lo 2 m coudit in unils - The revolit enalty pay present the copy cost of our). - The total ceedit is m + 2 m + um + ... * Pseudo well to 10 - man los 19 initialize raise weith apacity = 1 free i=0 to no

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pasie is fullion beson newrasse suale raise with size 2 + mercrent size uppy elements ferom old talsy to new raisel Strable = yeur basse school inscert écèment i into passe instalize manges = D intalize ceredis= q Total feel 1= (NHO) não somit sototo charges += 2 if raiste dours and on size feron mto 2mi succession of the succession of appropriate . Total charges = 12 * no = o(m) Total weality = m + 2 m + 1 + 1/2 m = 0(m) Ameentiged west pur inscertion = total /n= ocn)/n = .1 Rungine peu inservion = 0(1)

Total pun = och)