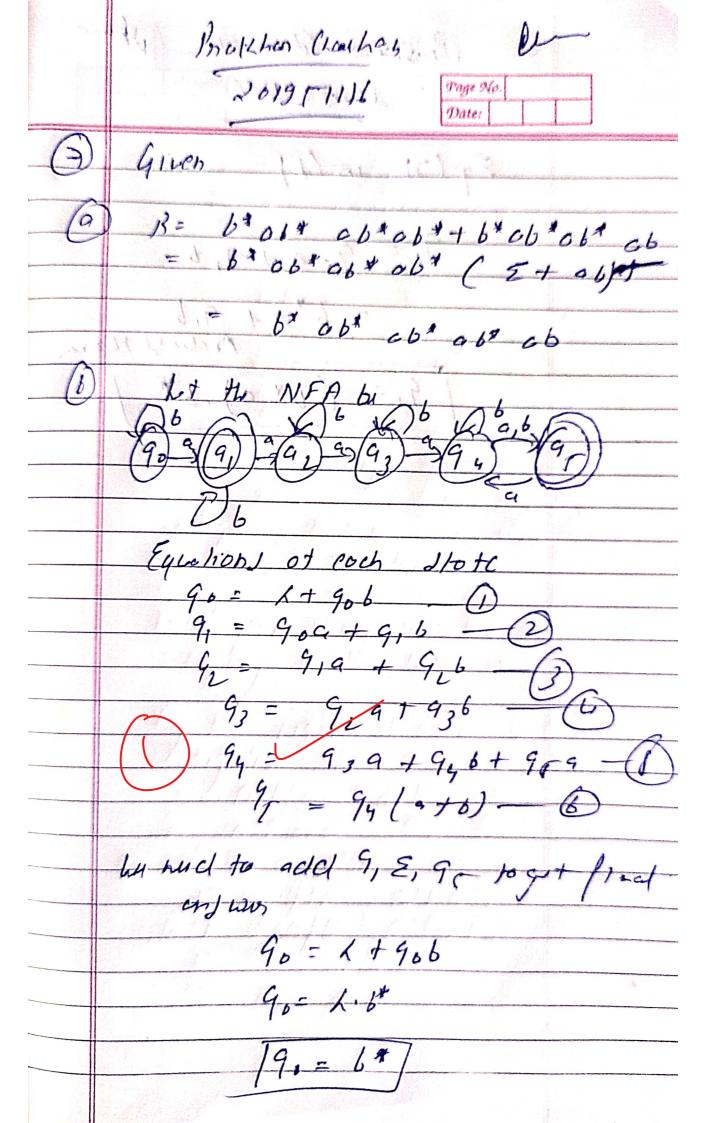
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Date: We can show it by contradiction Addume is is noge 12 a DFA M= (G, Z, S, 90, F) Autognize Now dying liquord = Strings of the form o'll intigur, not 11, 1,01,001, l'ut pigion string into & heli corristo-Oncling to the state it had to By The Pigsonhall principle, the O'l and O'l , when ; 51 So o'T and O'T had to Ky occipts o'so's do moccupit o'loit, incorrect, Controliction

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2019 / 1116 Page No. Date: L www my sucjulas tring our da, by that are not to be in Li hove any o') that cour of ter any In other wordy not bove at hove affection of c's and bis. So now Confider L7 = 4 1 a+ 67 Le contain only hope element of 4 in which the air and b's are in the right order In other words 62 = 30363: N30 13ct 11 L Was trigular, then L would be sugular They Lo connot by righter

- Balden Cherchan 101957116 Page No. Date: Anys. Look of DEA of L. If there is a cycle, theb 141 = 6 Otherwide, chilk bumber of all possible porty unding with a final states Bathan Chairhan Page No. 2019 51116 connot be occup tod



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