Social Computing Preatyush Jaiswal 18EE35014 (a) Complete 1-degue egountric network. Here we with can set the people directly commected to the individual user. So, we can see the friendlist of the Corresponding interests for the analysis of the user. 1.5 degree egountric. bying this, we can infer about the number connection. It will form a Mere the experted for less susuptibility of to misinformation propagation, lesser engagement for unregale posts & more expected engagement for reliable posts. So, basically for this, The suspectibility to misenformation is directly proportional to the metric k. So, the most suscipation media platforms will he Z because 9+3 having movimum value of b.

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Here, for every pair Ak By for b= 1, 2, 3, 4. Contribution will be zuro as S(Auli) = 0 became they are in different comprumity. $Q_{1} = \frac{3x^{2}}{1 - \frac{3}{2x + 2}} = \frac{1 - \frac{3}{3}}{8} - \frac{5}{2}$ Q4,42 = 5. QAAy = \$1- 3x4 = 1 Day Ay = 5 3 t . Claray = 5. 2. RASAY = 8. 2 D- 2x12 = 6. QB3 By = 1-2n. QBIB3 = $Q_{21}S_{2} = 1 - \frac{2\alpha y}{2\alpha 12} = \frac{3}{3}.$ 8 /- 2x12 = 9. appy = 1- 3x2 = 3. agraz = $1 - \frac{3xy}{9x} = \frac{1}{3}$ Q6254 =

Date: _ Page: then, sum of all abounds 3K5 +3KL 2812 -- + - 13+ 3 x 2 0.2795 3

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