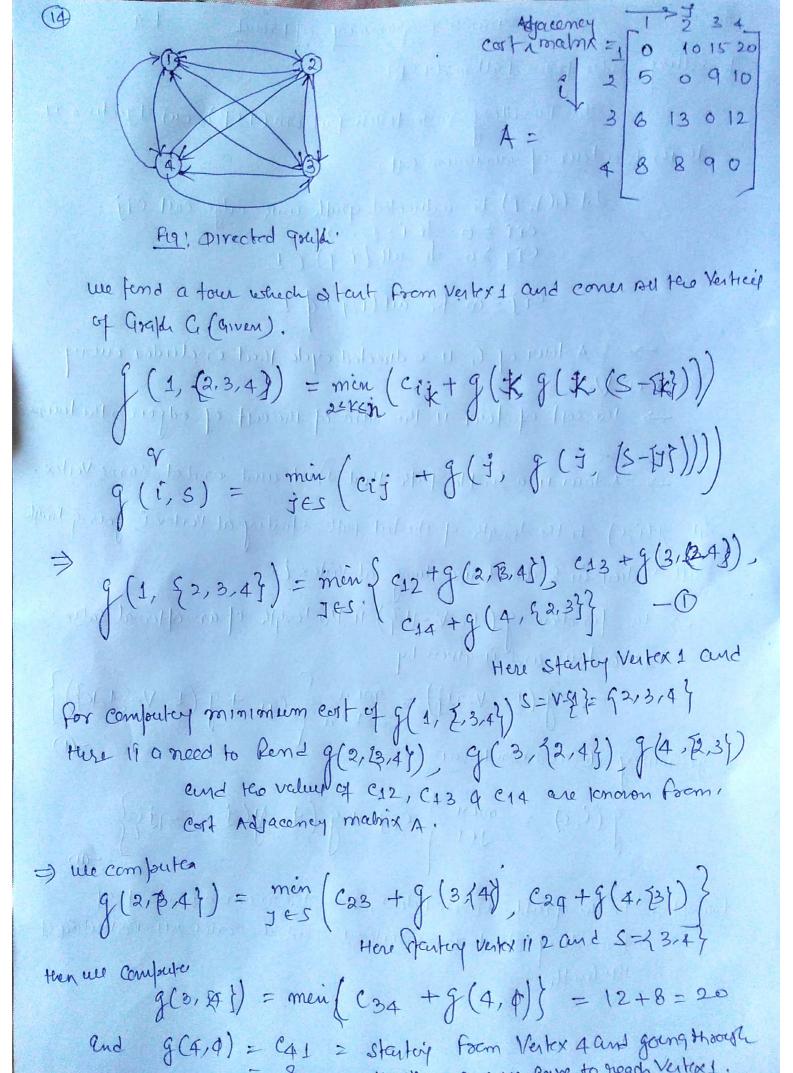
the Graft.

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⇒ 8(3,143) = min (c34 + g(4, 4) { g(4,d) = C41 = 8 (from given cont Adjacency makes) => g(344) = c34 +9(4,0) = c34 + C41 = 12+8=20 then we compute, g(4, 87) = mon{ C43+g(3,4)} $= c_{43} + c_{31} = 9 + 6 = 15$ (Sino $f(8,9) = c_{31} = 6$) \Rightarrow $g(2, \{2, 4\}) = min \{ \{ c_{23} + g(3, \{4\}) , c_{24} + f(4, [3]) \}$ = men $\{ q + 20, 10 + 15 \} = min \{ 29, 25 \}$ Now use compute 9 (3, 52,44) = min { (32 + 9 (2,544)), C34+9 (4,121)} g(2,[4]) = min (24 + g(4,0)) = C24 + 6 C41 = 10+8218 g(4/2)) = mai (C42 + g(2,4)) F C42+ C21 = 8+5 = 13 { (3, {2,4}) = min{ (32+9(2,4)), (34+9(4,62))} men { 13+18, 12+13}: men { 31,25}

g(4, [2,3]) = mont (42+g(2, [3]) (43+g(3, p)) How we compale fend g (2, 137) = min (23 + g (3, p) } = c23+C31= 9+6=15 g(3,23) = men (c32 + g(2, 0)) = C32 + C21 = 13+5=18 \Rightarrow g(4,52.39) = mon f(42 + g(2,531)) = C43 + g(3,521)= men { 8+15, 9+18} = men { 23, 27} = 23 after lonoro wig the value of all component of g (1, 2,3,41). ule compute g (1, 12, 3, 4}) = men (12+g (2, 13, 44)) (13+9(3, (2,4))_ (14+9 (4, (2,33)) = min 1 10 + 25, 15+25, 20+23} = men 35, 40, 43 } the monimum early for fund of the town startof from Vertex A 11 35 and the town is a Pollows. => total cat of tour =10 +1079+6 \$ 10 × 10 × 9 × 3