of A simple standalone of we utility is to feveralised in it programming by a team of specialists for a computer pluming linux a the overall site of the open is estimated to be as multiplicative a exponention factor for the basic Colomo effort estimation equation a (cid) = (2.5, .38) as multiplicative a exponential factor for the basic Colomo development time estimation execution, Affroximately has long for the off project tage to complete.

Lines of code = 20,000 = 20 K $E = a_1 (\kappa b_0)^{a_2} \quad \text{or} \quad a(\kappa b_0)^{b_2}$ $T dev = b_1 (\kappa b_0)^{b_2} \quad \text{or} \quad e(\kappa b_0)^{d_1}$

Tder = 2.5 (20) 1.05 = 55.756

Briternediali 66mo

consider a project having 30,000 lines of looke consider a project having 30,000 lines of looke with critical area which in an embedded eye with critical area when here reliarishing to hightilly the extination lands Ans The Reliability his high (EAF) 1.15

= 2.8 (30) 1.20 X 1.15 =191

Tow = bi (E) b2 = 2.5 (191).32 = 13 Months.

N= E/D = 191/13 = 15 persons approp.

Er-2 project A & to be a 32,000 DSI Semi-detached 8fw. 9f & in a mixion entitled Area, so the Reliability & high (1.15). Estimate the Reliability & high (1.15). Effest, schedule, productivity & Arg. Staff.

And E = 3.0 (32) 1.12 × 1.15 = 167 PM. Schedul or Poler or D = 25 (167).35°=15 Months productivity = 32, 000 DSI/167 = 192 DSI/4M

Avenage Staff = 167/15 = 11 Pensons

DIF- Delivered source Instructions/loc

nenité *, this model can be applied to extract for almost to entère es su product for early and rough cost estimation during learly storge.

4) 9+ can be applied at the efor product component-level for obtaining mere accuractely accurate cost estimation

Denuits

- 4) The effert estimation multipliers are not dependent on phases.
- *) A product with many components conditional difficult li estimate. Stouter . (27) With 3 Billivailed

1 the 1 strain whors a state had a section.

At the state of th

and the state of t