

Complete Course on Theory of Computation

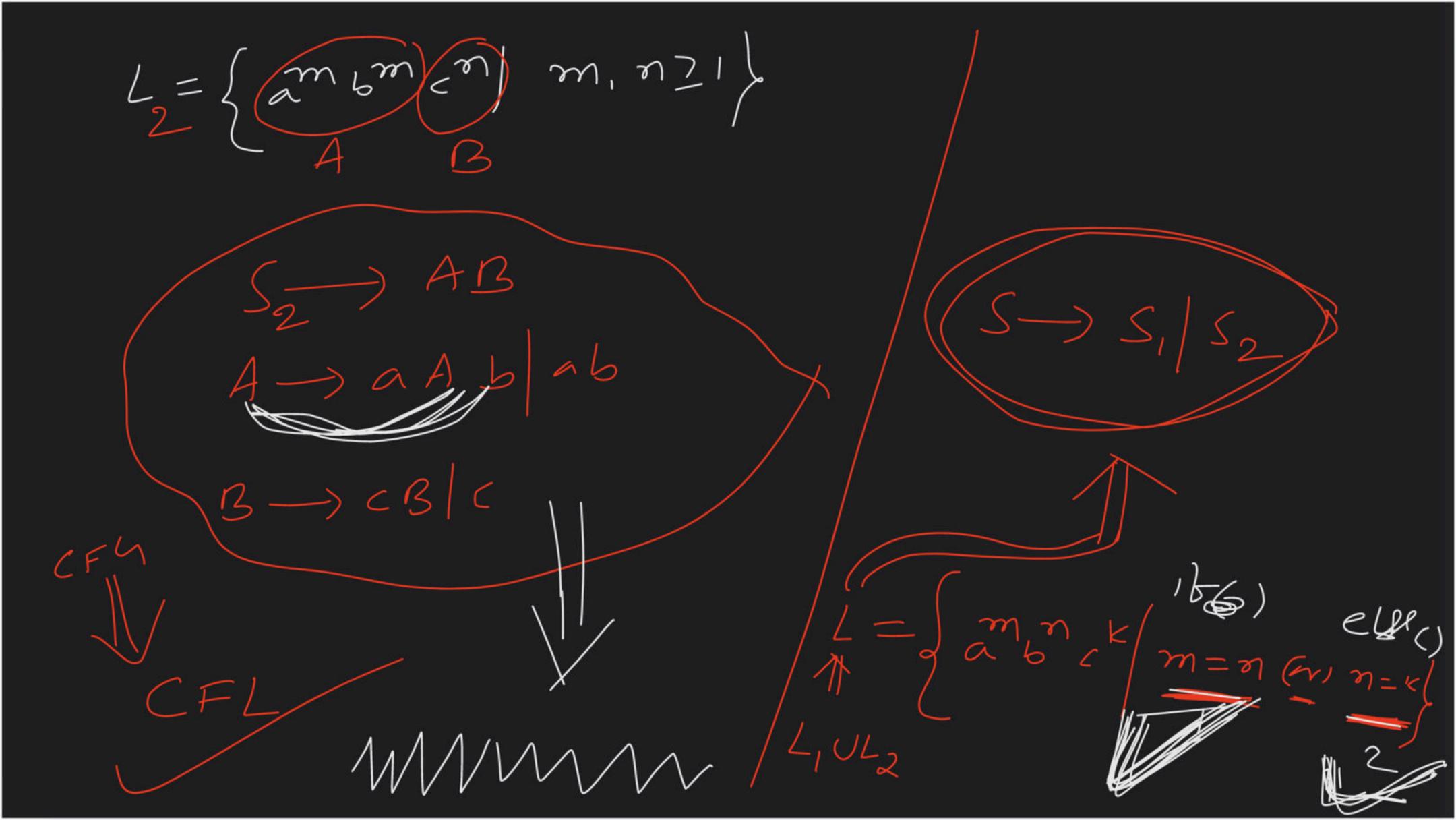


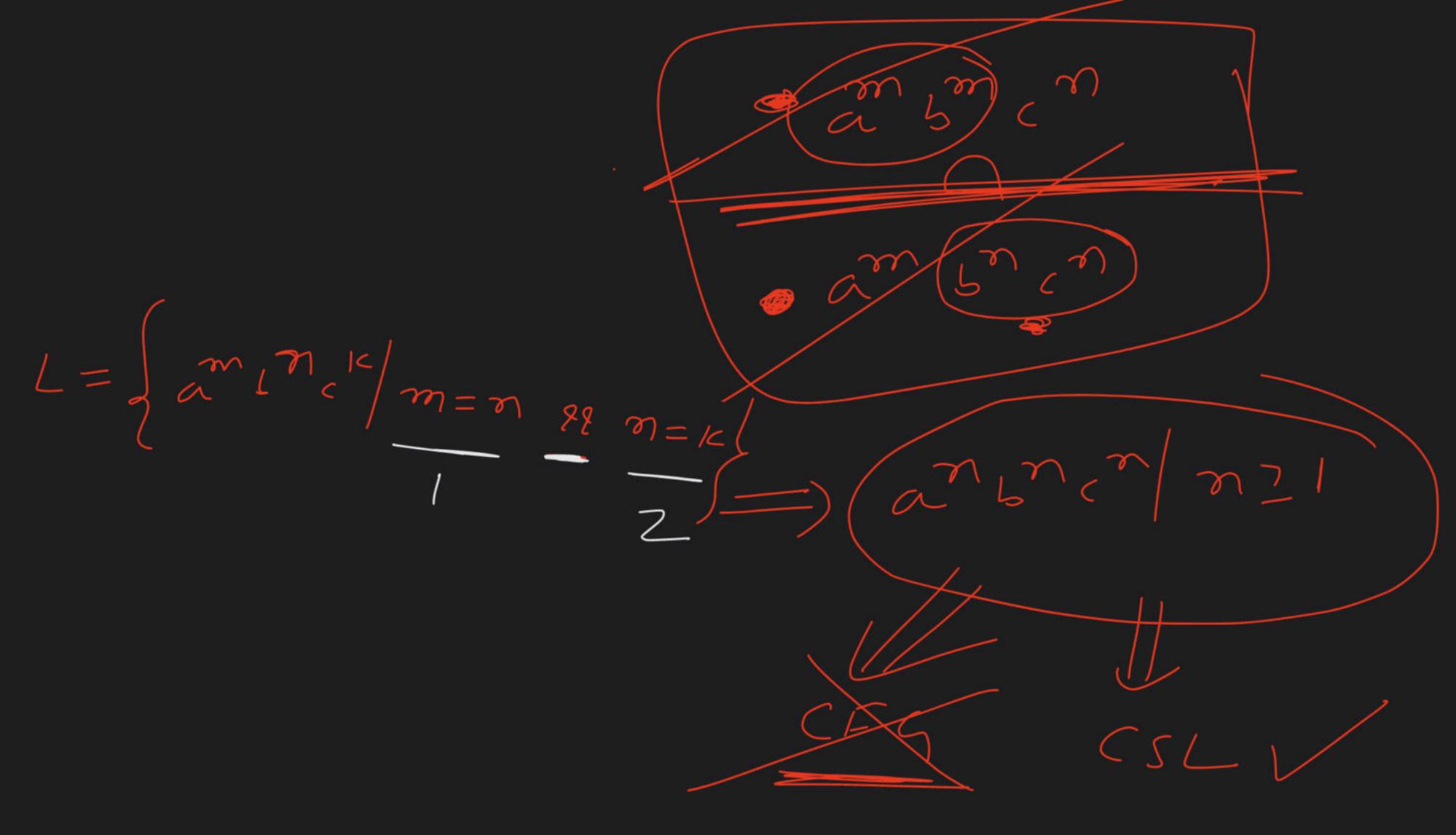
give CF4 L = { (a+6) 6 a 6 6 (a 1 6) b} 5 -> A abb A A-> aA | bA | E ==) (a+b) b/

CEG $L = \left\{ \frac{(baa + abb)^{b}}{a} \right\}$ S-) baas abls E Give CEG L= {(an 15) n 21} $S \rightarrow asbab$ 1) (a4)(a) • 3))-(4/3)(6)

9ine CFG L = { bn2n | n20}

(am (b) co) m. m. 21 5-) AB --- am by m, n] 1 A-)(aA)(a)-=)am|m=1B->6BC/6C==>6000/21





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9 LINL2 is also CFL

12/12 need not be CFL

L={ an bn/ n21} (200)5-) asb/ab/ss/E

Give CFG L={ Set of all pellindrams our wiphasel {a,b}} 5-(asa) bsb) (E) a) (b) 96 6

Dedicte Help

96 Lis CFL Iten La also CFL