(A) (A) State couchy's second theorem of Lamits (As) Prove that the sequence Evenze, whore sen=2n-7 is monotonic increasing sequence further 3 how 3n+2 what ut is bounded and it ends to limit 23 B(B) Test the convergence of the series 2x: +3x2 + 4x2 7 4x2 (A) It 1 + -1 = 200, prove that (B) Criven f(8) = 3+8x2+15x-24, find f(11) by using Taylor's otherm. (A) If u = SPn-1/2014+4114 Prove thate