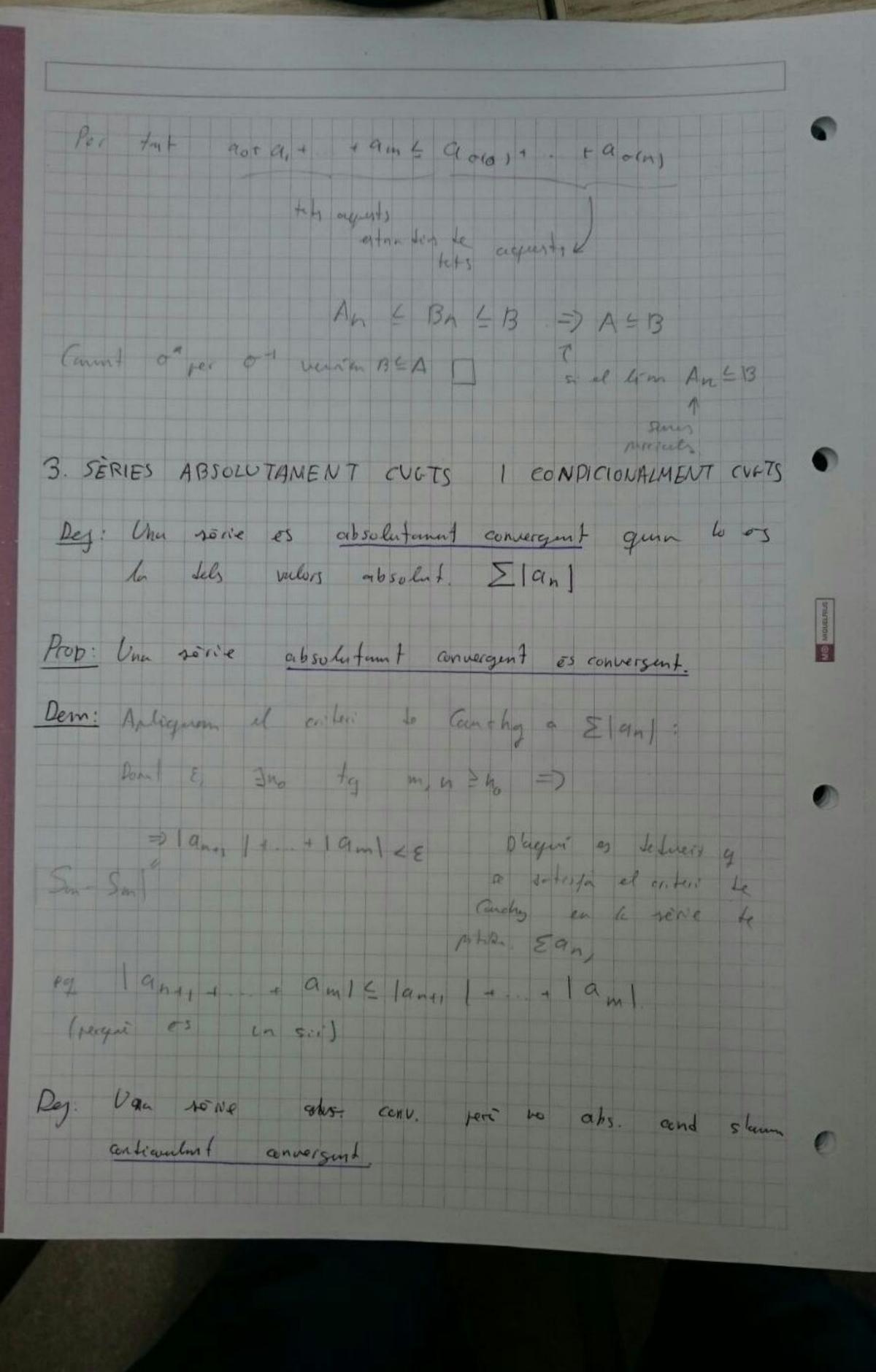
≥ o n2+1 divergent (cit good. to heiter) (composer ans) 18/09/2017 Prop: Criteri integral Signi no ENL i g: [ho, too [-> 12 position i domentent. Liguri an= fln, (n=ho). Alshum: 1 La série Ean i la int. imprinier of teren el mateix cacreter on Enelo, an]

Dem jor de leurs our. Interent por al circul unerit. Exemple \(\sum_{n\pi} \) to all matix carricles que Si 1 de le Meuren que de terrine Exemple 2 \(\sum_{\mathbb{1}} \) \(\sum_{\mathbb{1}} (al 1 < 10-3 => N > 1000 1.01 => 92634 N = 434 Alahores 5 1 = 5 1 + 5 1 2 1 100 = 527 Proposition: (commetation tat de la sum d'un serie de las Sigui Eqn cmb an ≥0 Donada qualsent remutaer o: IN - N. la sècie reorderada de la menteixe suma. Σαoins = Σan Signi o jexad Dem: An = & ax surver precent Bn = Zaoras serus parments de la permette are-A= Eak B= Eack) Sogn mell => 3 noin to 70. m3 c 20/0/2. , o(n)}



(2) Eax = Erx - Egx Terres position stiv. Si Eau conv: (1) Si Epx conv : Egx Liv, Eax to get the Q h. Epk liv i Egx on, Ear wetser Conv contradue la horitai de E au ais cons 3 Si Epx div i Egylir Proposition: Li une série és abs. convergent, out les tets a sen seines realitants sen custs la mixa som Din: 9n= Ph - 9n april o IN -> IN Ean: Enn-Egn E aring timber es abs conv) Elagins = 5 19n / c + po rec conthritts =) (apliant lone (1) £90(n) = εροίη - ε 90(n) = ερη - εηη = εηη reord anuguti tires rol lem ne s

Ex: Le revie huminia alterned. Prop (lirealitat de les révies abs. convegents) Des: a EIR part nontim a = max (a, 0) part regitur a = max(-a,0) =) a= a+ a- la1= a+ a-Prop: Ponada f: X -> IR 1= 8+ - 8- 111= 8+ +8-Ex: g(x)= sinx h 1. h 1- h Lema: Ligui (an) uncoento mineria. Signi (pn) i (qn) despuseus proty toritum i regulan. @ En absol. conv. (Epn, Egn custs En tal as. Eqn = Epn - Eqn Q Si Zan és and. conv, alhen, Epn, Egy Linguits (1) \(\frac{5}{K=0}\) | 9\(\kappa\) | = \(\frac{5}{K}\) P\(\kappa\) + \(\frac{5}{2}\) 9\(\kappa\) | = \(\frac{5}{2}\) P\(\kappa\) + \(\frac{5}{2}\) 9\(\kappa\) | + \(\frac{5}{2}\) 9\(\kappa\ im reva (1) Py = = 19x1 = Epx seemandint (HI at only any) = E QK