Parc (cn) & B.

2)>(0)new & PdB

-> Soit (cn) of (dn) e13, acc. the wite NN chtq the W, | cn | N et Idn | N' - Done the W lack+dn | S | 21 N+ N'de (ach+bn) now - B.

-> Sal-(cn) d-(dy) eP, acd. Theist p, gent (qty en), cn+p= Cn d-dn+p=dn. Da Vnow, cn+pq= cnd-dn+pq=dn da Vnew, xcn+pq +dn+pq= acu+dn da (acu+bn)now EP.

-) Da Bet Psont des sons -espaces voctoriels de CIN

3) Sat-(cn) & B.

-> positivité: Ilcll = sap (ch) >,0

-> séparation: (1) ||c|| =0. De t'no iv, Os|ch|s||c||=0 done (cn)=0

-> hamogeneite. Soit 1 E (

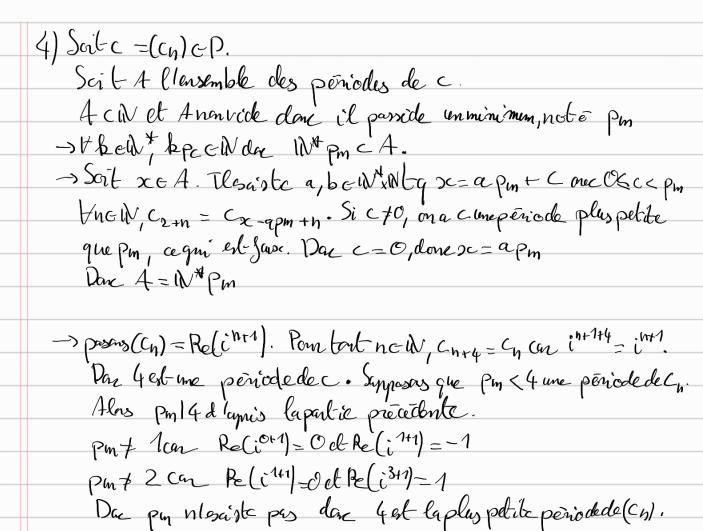
pan (ant ne 11/ 1/cn = 1/11/cn = 1/11/cn) doc 1/11/cn/majore {1/20/1/ne 1/23. | //cn/l = sap {1/20//ne 1/23 \ 1/1 1/cn/l

Si W=0, also 11/1cy 1= 11011 - 101 (1(cy))

Si 1/1+0: mapplique lecalcul à 1 et le, ona 11(20)11 × 1/4 11/1(4)11

Daz 11/1(4)11 = [/11/(4)1]

> Tregalité triongalaire: Soit (dn) CB \text{VrcW} | cn+dn | < | cn | t | dn | < | (cn) | | t | (dn) | |. par parsage au sap | ((cn) + (dn) | | < | (cn) | | + | (dn) | |



ParticII

7/a) Sort C=(cn) el el pune période de c.

|M(c) | = 3|2 | ch | < 12 | ch |

< 15 | lch | < 15 | lch |

< 15 | lch | = ||c||

De plus, Mlineaire done Most-continue.

b) Por part (cP) 303, \(\frac{M(c)}{11CH} < 1 \) par passageone sup,

sup \(\frac{M(c)}{11CH} < 1 \)

Soit (Un) new tythody, Un-1. (Un) EP, destdeperiode 1, done

sup \(\frac{M(c)}{11CH} > \frac{M(1)}{11CH} = 1 \)

dence sup \(\frac{M(c)}{11CH} = 1 \).

C) Po=120(M)=19-1(203). Or 20 gest formé et 10 cartime done
Post Some.
Partie III
10)
11) Sol-now Cu s wal s and doe I ha Clothe I had ACV.