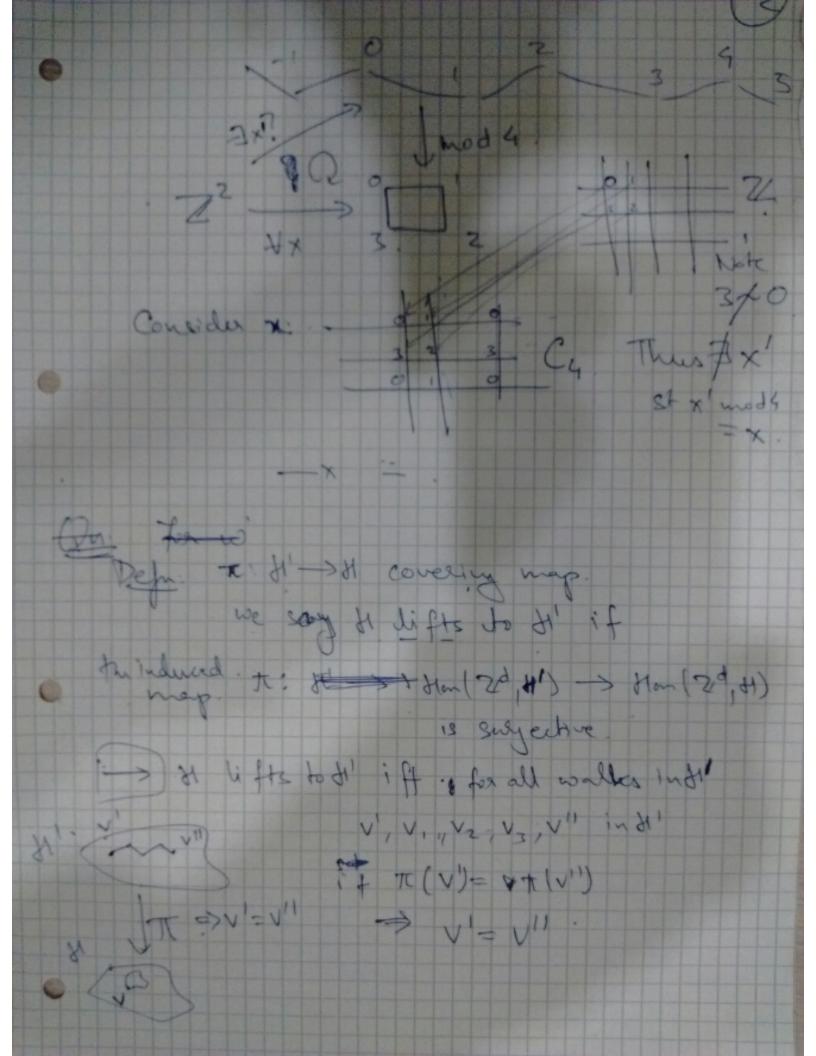
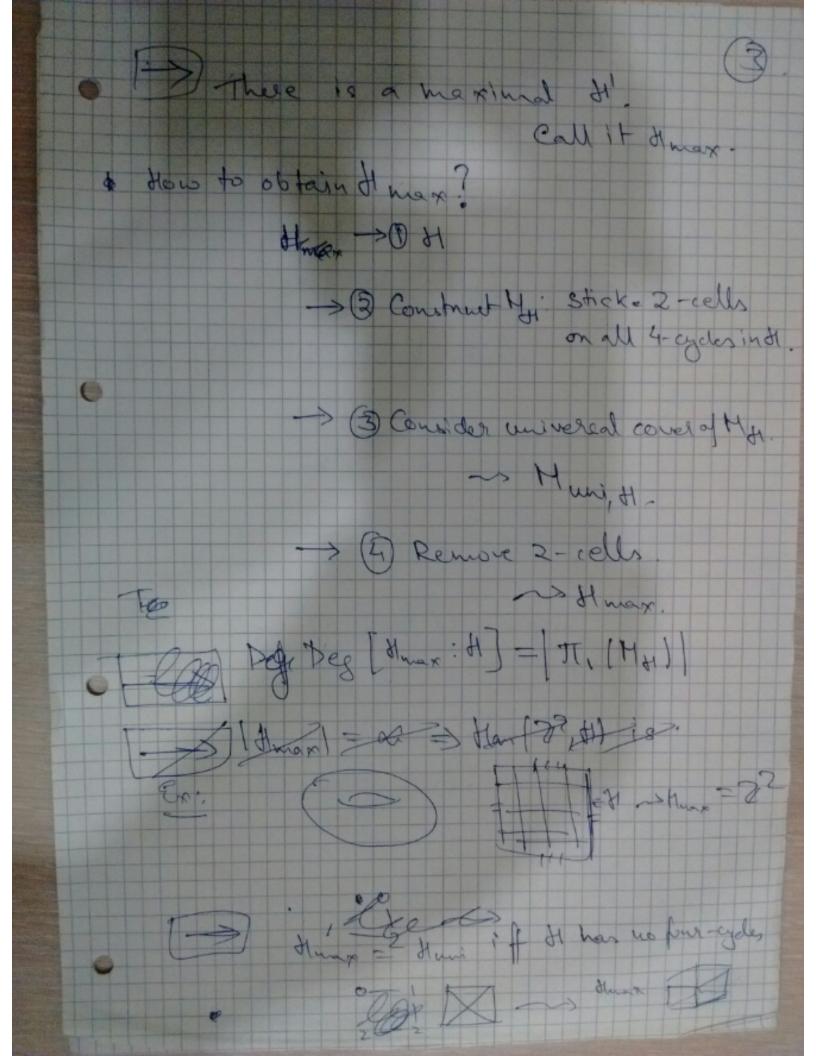
Height Functions for How thittel Hom (200, 21) = { m 22 > H | 7 ~ 5 ~ x(7)} undine ded graph. Hom (22d, kn) suspect to meetices Hom (2d) (0-1) hard square model 2 3x 7 /mod 3. 4 n & Hom (22, 2) = x & Hom(2, 2) such that 7 mod 3 = x instal computy the entropy -> unique un une in 2 dimension - > multiple mones in high enough A stift space xis detamines dimension. Called SI if In st € 44 BC 29 9(8)> N x46x 35 3+ -> 72 infrik => dul 24, 9 ) not SI \* 2 4 = XIA , 213 = YIB





Given any prikly presentable group a 3 H st TT. (MM) = 6 . 8 her Peg (ti Deg ([other: 87) = 191-> 1) It is underidable where -> Hunx = H. -> Muny - 00 } Conj. It is undecidable whether through a SI. -> Ithman: HI -> gives general proposed const mere is a more quantificative harde ho anderstal