Subject: Problem Set 1 P1 (a) Fren. S(P) A(P). (b) \fext. S(P) ^ T(P) -> A(P). (C) XXXXX -1 (FP 1 -1 ACP) (d) = P1, P2, P3. TCP1)=T(P2), T(P3), ~ ~ 5(P1) ~ 7 5(P2) ~ 75(P2) Valid (a) T (b) F T F F InValid P3(01) (1) 7 (Ahahd B) (ii) (7 (7A hahd 7B)) = 7 A hahd 7 B (iii) A hand TB (b) AhahdA 7/Ahahd7A)=[ (C) A hand TA = T P4 12 1>6

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Subject:

Year:

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Date:

PS

$$r^{\frac{1}{5}} = \frac{\alpha}{b} \rightarrow r = \frac{\sqrt{5}}{15}$$

P6

$$E(2) \longrightarrow \overline{\mathcal{J}} E(\alpha, \beta, Z)$$

$$(2i+1)^{2}+(2j+1)^{2}+(2K)^{2}$$

$$=2i+2i+1+2j+4j+1+4k^{2}$$

Case 2: 2 Even 2011

$$(2ij^{2}+(2j)^{2}+(2k+1)^{2}+4+2+4+1=31$$

Lase 3: 32)

Casc40: 412+4j2+4K2=42V